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# BULLETIN

## MADISON COLLEGE HARRISONBURG, VIRGINIA



Volume XXI, No. 4  
April, 1963



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Catalog Issue  
April, 1963

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# Bulletin

## Madison College

RECORD OF 1962-63

GUIDE TO 1963-64

CATALOG NUMBER

ACCREDITED BY: Southern Association of Colleges and Secondary Schools, National Council for Accreditation of Teacher Education for Preparation of Elementary Teachers and Secondary Teachers with the Master's Degree as the Highest Degree Offered, Virginia State Board of Education.

MEMBER OF: Association of American Colleges, Association of Virginia Colleges, American Association of Colleges for Teacher Education, American Council on Education, National Commission on Accrediting, Association of State Colleges and Universities.

CORPORATE MEMBER OF: American Association of University Women.



## BRIEF CHRONOLOGY OF MADISON COLLEGE

- 1908 The Normal and Industrial School for Women at Harrisonburg is established by act of the General Assembly on March 14. Julian Ashby Burruss is appointed the first president effective July 1.
- 1909 Instruction begins September 28, in three buildings, with 209 students and fifteen faculty members.
- 1911 Diplomas awarded to the twenty members of the first graduating class.
- 1914 The name of the College is changed to The State Normal School for Women at Harrisonburg.
- 1916 The College is authorized to grant a professional Bachelor of Science degree.
- 1919 First degrees awarded to nine students.
- 1908-19 The campus plan is established. Six buildings constructed: Maury, Harrison, "Hillcrest" (president's home), and Jackson, Ashby and Spotswood dormitories. Four thousand five hundred students attended the College during this period.
- 1919 Samuel Page Duke is appointed president on the resignation of Dr. Burruss to become president of the Virginia Polytechnic Institute.
- 1924 The name of the College is changed to The State Teachers College at Harrisonburg.
- 1935 The College is authorized to grant the Bachelor of Arts and Bachelor of Science degrees in liberal arts.
- 1938 The College is named Madison College in honor of the fourth president of the United States.
- 1946 The College is authorized to grant the Bachelor of Music degree. Men enrolled as regular day students in winter session.
- 1919-49 The facilities are enlarged by the construction of nine major buildings: Alumnae, Keezell, Wilson, Varner Home Management House, Library, and Sheldon, Johnston, Converse and Cleveland dormitories.
- 1949 G. Tyler Miller is appointed president on the retirement of Dr. Duke.
- 1952 The campus is enlarged by the purchase of an adjoining tract of 240 acres.
- 1954 The College is authorized to grant the degrees of Master of Arts and Master of Science in Education.
- 1949-61 There is further expansion of the campus facilities by construction of eight major buildings: Burruss Science Hall, Anthony-Seeger Campus School, Walter Reed Infirmary, Moody Hall, the Shop's-Storage Building, and Logan, Gifford and Wayland dormitories.
- 1960 The College is authorized to grant the Master of Science degree.
- 1962 At the end of this period 10,507 students have graduated from Madison College. Thirty thousand three hundred six students have attended the College.

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## ACADEMIC

1983

### SEPTEMBER

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### NOVEMBER

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### DECEMBER

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### JANUARY

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September 15—Dormitory assignment for new students: incoming freshmen and transfer students.

September 16-18—Orientation of new students: incoming freshmen and transfer students.

September 18—Registration of new students.

September 19—Adjustment of programs of spring registrants; completion of registration of upperclassmen (required of old students).

September 20—Beginning of classes: 8:00 A. M.

September 24—Last day on which changes in class schedules of students may be made without payment of \$5.00 fee.

September 25—First semester convocation.

November 9—Classes end first eight weeks.

November 11—Mid-Semester grades for freshmen.

November 11—Classes begin second eight weeks.

November 27—Thanksgiving vacation begins: 11:50 A. M.

December 2—Thanksgiving vacation ends and class work begins: 8:00 A. M.

December 18—Christmas vacation begins: 11:50 A. M.

January 3—Christmas vacation ends and classes begin: 8:00 A. M.

January 22—Classes end first semester.

January 23, 1:30 P. M.—January 31, 12:00 Noon—Examination period.

January 31—First semester ends: Noon.

February 3—Second semester registration of new students and course adjustments for old students. 8:00 A. M.—12:00 Noon. Students who make class adjustments subsequent to this time will be subject to a fee of \$5.00.

February 3—Second semester classes begin: 1:30 P. M.

February 5—Second semester convocation.

# CALENDAR

1964

March 14—Founders Day.

March 26—Classes end third eight weeks.

March 26—Easter vacation begins: 11:50 A. M.

April 1—Easter vacation ends: 8:00 A. M.

April 1—Classes begin fourth eight weeks.

April 1—Mid-Semester grades for freshmen.

April 6-11—Arts Festival.

May 2—May Day and Homecoming.

May 13—Honors Day.

May 20—Classes end second semester.

May 21, 1:30 P. M.—May 29, 12:00 Noon—  
Examination period.

May 31—Baccalaureate Service: 11:00 A. M.

May 31—Commencement: 2:15 P. M.

June 15—Intersession begins.

June 22—Summer Session begins.

July 6—Six-Week Session begins.

July 14-15—Institute on Public Education.

August 14—Summer Session ends.

September 14—First semester, 1964-65 Session  
begins.

## MARCH

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## MAY

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## JUNE

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## JULY

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## AUGUST

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## SEPTEMBER

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## PART ONE

### The Administration and the Faculty

The strength of a college is measured by the men and women who give their talents and knowledge to its service, the scholarship and guidance of the teachers, the vision and planning of the administrative officers, the development of sound policies by the governing board, the painstaking work of the employees who manage the dormitories, prepare the food, take care of the campus, work in the offices, and perform all the other duties necessary for comfortable and efficient college life.

This part of the catalog includes ★

★ THE STATE BOARD OF EDUCATION

★ THE ADVISORY COMMITTEE FOR MADISON  
COLLEGE

★ THE OFFICERS OF ADMINISTRATION

★ THE OTHER ADMINISTRATION PERSON-  
NEL

★ THE FACULTY OF THE COLLEGE

★ THE STANDING COMMITTEES OF  
FACULTY



## State Board of Education

The State Board of Education of the Commonwealth of Virginia is the governing board of Madison College.

MRS. LOUISE FALLIGANT GALLEHER, *President*  
MANASSAS

COLGATE W. DARDEN, JR.  
NORFOLK

WALDO G. MILES  
BRISTOL

MISS ANNE DOBIE PEEBLES  
CARSON

MOSBY G. PERROW, JR.  
LYNCHBURG

LEWIS F. POWELL, JR.  
RICHMOND

C. STUART WHEATLEY, JR.  
DANVILLE

---

WOODROW W. WILKERSON  
*State Superintendent of Public Instruction  
and Secretary of the Board*  
RICHMOND

---

ADVISORY COMMITTEE FOR MADISON COLLEGE: <sup>1</sup>MRS. GALLEHER, *Chairman*, <sup>1</sup>MISS ANNE DOBIE PEEBLES, MRS. EMILY N. SPONG, MR. RUSSELL M. WEAVER, MR. H. W. TULLOCH, AND <sup>2</sup>MR. FRED O. WYGAL, *Director*, Division of Teacher Education, *ex officio*.

---

<sup>1</sup>Member, State Board of Education.

<sup>2</sup>Acting President of Longwood College July 1, 1962—June 30, 1963.  
MR. GORDON BROOKS, Acting Director, July 1, 1962—June 30, 1963.

## OFFICERS OF ADMINISTRATION

G. TYLER MILLER, B.S., LL.D.	<i>President</i>
PERCY H. WARREN, Ed.D.	<i>Dean</i>
E. L. TOLBERT, Ed.D.	<i>Dean of Students</i>
HOWARD K. GIBBONS, LL.B.	<i>Business Manager</i>
QUINCY D. GASQUE, M.S.	<i>Director of Field Services and Placement</i>
DOROTHY S. GARBER, B.S.	<i>Dean of Women</i>
PAULINE C. LONG, B.S.	<i>Registrar</i>
PHYLLIS MEEK, M.A.	<i>Assistant Dean of Women</i>
WILLIAM J. DELONG, M.A.	<i>Director of Admissions and Student Aid</i>
KYLE STIRLING, A.B.	<i>Public Information Officer</i>

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LONDON A. SANDERS, M.S.	<i>Secretary of the Faculty</i>
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### ADMINISTRATIVE COUNCIL—1962-63

President, *Chm.*, Dean of the College, Dean of Students, Business Manager.

### LIBRARY SERVICE

FORREST C. PALMER, M.S. in L.S.	<i>Librarian</i>
FERNE R. HOOVER, M.A.	<i>Assistant Librarian</i>
LETA C. SHOWALTER, B.S. in L.S.	<i>Assistant Librarian</i>
ELIZABETH E. DOWNEY, B.S. in L.S.	<i>Assistant Librarian</i>
MARY KATHRYN KING, M.S. in L.S.	<i>Assistant Librarian</i>

### HEALTH SERVICE

WALTER F. GREEN, III, M.D.	<i>College Physician</i>
LUCILLE MONGER, R.N.	<i>College Nurse</i>
GENOBIA RUCKMAN, R.N.	<i>College Nurse</i>
VALLIE B. CRIST, R.N.	<i>College Nurse</i>

### FOOD SERVICE

JEAN COPPER, M.S.	<i>Food Service Manager</i>
MARY LOUISE TRIMPEY	<i>Assistant Dietitian</i>
GRETCHEN RUBUSH	<i>Dietary Unit Supervisor</i>
RUTH ROADCAP	<i>Manager, Tearoom</i>



## OFFICE ASSISTANTS AND SECRETARIES

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PHILLIS R. GRATTAN	<i>Assistant Secretary to the President</i>
HELEN S. SHARPES	<i>Secretary to the Dean of the College</i>
DEANNA F. HARLOW	<i>Assistant Secretary to the Dean</i>
MARTHA SMITH	<i>Assistant Secretary to the Dean</i>
DORIS JEAN RIMEL	<i>Secretary to the Division of Personnel Services</i>
EDNA C. RITCHIE	<i>Secretary to the Division of Personnel Services</i>
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MADELINE E. HEATWOLE	<i>Assistant Secretary to the Business Manager</i>
DORIS DOVEL, B.S.	<i>Cashier</i>
LYMAN SEBSE, B.A.	<i>Treasurer</i>
ELAINE W. REEDY	<i>Bookkeeping Machine Operator</i>
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DORRIS H. McELYEA	<i>Secretary to the Director of Ad- missions and Student Aid</i>
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CAROLYN MILLER	<i>Assistant Secretary to the Registrar</i>
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JOY M. WITTIG	<i>Secretary to the Director of Field Services and Placement</i>
MARGARET BIRD	<i>Secretary, Bureau of Teaching Materials</i>
ADELE COAKLEY	<i>Secretary to the Librarian</i>
ALDA S. TRENARY	<i>Secretary, Library Science Department</i>
JANET LONG	<i>Secretary, Dietitian's Office</i>
ANNA K. TALIAFERRO	<i>Secretary, Infirmary</i>
PEGGY SHIFFLETT	<i>Secretary to the Director of the Division of Social Sciences and to the Department of Home Economics</i>
PATRICIA SPITZER	<i>Secretary to the Director of the Division of Humanities and to the Public Information Officer</i>
BARBARA AYERS	<i>Secretary to the Director of the Division of Natural Sciences</i>
SUE BAYLOR	<i>Secretary, Music Department</i>
VICKIE G. SLAUBAUGH	<i>Secretary to the Director of the Campus School</i>

BETTY L. JOHNSON	<i>Secretary to the Department of Physical and Health Education and to the Department of Foreign Languages</i>
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NANCY CRIDER	<i>Library Clerk</i>
JANICE L. PENCE, B.S.	<i>Library Clerk</i>
EVELYN R. JUDY	<i>Switchboard Operator</i>
ALMA W. WOODSON	<i>Switchboard Operator</i>
CATHARINE J. HOLMES	<i>Switchboard Operator</i>

### HOSTESSES OF RESIDENCE HALLS

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KATHERINE BIRD	<i>Hostess</i>
ANN B. CALLISON	<i>Hostess</i>
BERNICE COPP	<i>Hostess</i>
AGNESS DINGLELINE	<i>Hostess</i>
L. BELLE ETTINGER	<i>Hostess</i>
MARIE L. GARDNER	<i>Hostess</i>
ANNA LOUISE KIEFFER	<i>Hostess</i>
SALLY LIVICK	<i>Hostess</i>
ANNE LINCOLN	<i>Hostess</i>
KATHRYN MCNEILL	<i>Hostess</i>
MARY HELEN PAYNE	<i>Hostess</i>
CAROLYN PENDLETON	<i>Hostess</i>
LENORA REILLY	<i>Hostess</i>
PEARL O. SLEDD	<i>Hostess</i>
MARGARET D. WAYLAND	<i>Hostess</i>
DOROTHY WILKINS	<i>Hostess</i>
ESTHER D. YANCEY	<i>Hostess</i>

### BUILDINGS, GROUNDS, AND LAUNDRY

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BESSIE M. LENOX	<i>Director of Dormitories</i>
BERDIE MOYERS	<i>Laundry Foreman</i>

### STATIONERY STORE

DANISE D. WAY	<i>Manager</i>
---------------	----------------



## The Faculty of the College

G. TYLER MILLER, *President*. B.S., Virginia Military Institute; LL.D., Bridgewater College.

PERCY H. WARREN, *Dean and Professor of Biology*. B.S., College of William and Mary; M.A., Ed.D., Columbia University.

J. EDGAR ANDERSON, *Professor of Music*. Diploma in violin, Muskingum College; B.M., M.M., Cincinnati Conservatory.

SARA ELIZABETH ANDERSON, *Assistant Professor of Business Education and Field Supervisor of Student Teaching*. B.S., M.S., Woman's College of the University of North Carolina.

RAYMOND E. BEASLEY, *Instructor of Mathematics*. B.A., Phillips University; M.A., University of Michigan.

KENNETH J. BEER, JR., *Assistant Professor of Art*. B.A., M.A., Wayne State University.

PEGGY L. BLACKMON, *Assistant Professor of Physical and Health Education*. B.S., M.A., Texas Woman's University.

ARVELLA P. BLAIR, *Assistant Professor of Sociology*. B.S., M.A. in Ed., Madison College.

<sup>2</sup>CHARLES W. BLAIR, *Assistant Professor of Education*. B.A., Bridgewater College; M.A. in Ed., Madison College.

<sup>1</sup>ROBERT T. BOSSERMAN, *Associate Professor of Business Education*. B.S., Washington and Lee University.

MARY CAMPBELL BRILL, *Associate Professor of English*. A.B., Syracuse University; A.M., Ph.D., Cornell University.

PATRICIA J. BRUCE, *Associate Professor of Physical and Health Education and Field Supervisor of Student Teaching*. A.B., Wheaton College; M.Ed., Boston University; P.E.D., Indiana University.

LESTER S. BUCHER, *Professor of Music*. B.S., State College, West Chester, Pennsylvania; M.S., University of Pennsylvania; Ed.D., Columbia University.

GERTRUD BURAU, *Assistant Professor of Music*. B.S., A.M., Columbia University.

EMILY V. BUSHONG, *Assistant Professor of Education*. B.S. in Ed., Madison College; M.Ed., University of Virginia.

CHARLES G. CALDWELL, *Professor of Education*. A.B., Roanoke College; M.A., Ph.D., University of Chicago.

WILBERT CHAPPELL, *Professor of Chemistry*. B.S., Ottawa University; A.M., Ph.D., University of Kansas.

PAUL C. CLINE, *Assistant Professor of Political Science*. A.B., LL.B., M.A., West Virginia University.

MONA LYON COFFMAN, *Assistant Professor of Business Education*. A.B., Nebraska State Teachers College, Peru; M.A., George Peabody College for Teachers.

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RUTH E. COOPER, *Assistant Professor of Education*. B.S., Radford College; M.A., George Peabody College for Teachers.

<sup>2</sup>JOHN C. COPP, *Assistant Professor of Psychology*. B.S. in Ed., M.Ed., University of Virginia.

JEAN E. COPPER, *Food Service Manager; Assistant Professor of Home Economics*. B.S., Madison College; M.S., The Ohio State University.

MARILYN CRAWFORD, *Associate Professor of Physical and Health Education*. B.S., Woman's College of the University of North Carolina; M.A., University of North Carolina; Ed.D., University of Texas.

JAY L. CURTIS, *Professor of English*. A.B., A.M., Ph.D., University of North Carolina.

MARILYN R. CURTIS, *Assistant Professor of Mathematics*. B.S., M.S. in Ed., Madison College.

WILLIAM J. DELONG, *Director of Admissions and Student Aid*. B.S., Roanoke College; M.A., University of Virginia.



MILDRED G. DICKERSON, *Assistant Professor of Education*. B.S., Eastern Kentucky State College; M.S., University of Kentucky.

Z. S. DICKERSON, JR., *Professor of Business Education*. B.S., Eastern Kentucky State College; M.S., Ed.D., University of Kentucky.

JOHN DAVID DILLER, *Assistant Professor of Art*. B.F.A., University of Texas; M.F.A., Cranbrook Academy of Art.

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HAZEL JEANNE ELLER, *Instructor of Physical and Health Education*, B.F.A., M.S.P.E., Woman's College of the University of North Carolina.

ARCHIE N. EUWER, *Assistant Professor of Art*. B.A., Iowa Wesleyan; M.A., Iowa University; M.F.A., University of Oregon.

JAMES F. FERRY, *Professor of Biology*. A.B., West Virginia Wesleyan College; M.S., West Virginia University; Ph.D., The Ohio State University.

ELWOOD FISHER, *Assistant Professor of Biology*. B.S., Fairmont State College; M.S., Miami University.

MARTHA RANDOLPH FOY, *Instructor of Foreign Languages*. A.B., Randolph-Macon Woman's College; M.A., Yale University.

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HOWARD K. GIBBONS, *Business Manager*. LL.B., Washington and Lee University.

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GRACE E. HERR, *Assistant Professor of Business Education*. B.S., Mary Washington College; M.A., New York University.

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HORTENSE HESTER, *Assistant Professor of Physical and Health Education*. A.B., Judson College; M.A., University of Alabama.

GEORGE R. HICKS, *Associate Professor of Music*. A.B., B.M., Albion College; A.M., Harvard University; virtuoso's diploma in organ under Marcel Dupre, Conservatoire Americain, Fontainebleau, France; "Mozarteum," Salzburg, Austria.

FERNE R. HOOVER, *Associate Professor of Library Science*. A.B., Bridgewater College; M.A., George Peabody College for Teachers.

JANET HOPKINS, *Assistant Professor of Education and Field Supervisor of Student Teaching*. B.S. in Ed., Madison College; M.Ed., University of Virginia.

MILDRED D. HOYT, *Professor of Education and Director of the Reading Center*. A.B., Central State College, Edmond, Oklahoma; M.A., George Peabody College for Teachers; Ed.D., Stanford University.

J. EMMERT IKENBERRY, *Professor of Mathematics*. A.B., Bridgewater College; M.A., Ph.D., Cornell University.

HELEN V. ININGER, *Assistant Professor of Music*. A.B., Wilson College; M.M., Eastman School of Music; M.M., University of Michigan.

<sup>1</sup>MARY A. JACKSON, *Associate Professor of History*. B.S. in Ed., Madison College; M.S., Ph.D., University of Virginia.

MARIE M. JENKINS, *Associate Professor of Biology*. B.A., Phillips University; M.S., Catholic University of America; Ph.D., University of Oklahoma.

<sup>2</sup>MILBREY L. JONES, *Assistant Professor of Library Science*. A.B., Georgia State College for Women; M.Ln., Emory University.

PAULINE G. JONES, *Assistant Professor of Education and Field Supervisor of Student Teaching*. B.A., Berea College; M.A. in Ed., University of Kentucky.

WILLIAM F. JONES, *Assistant Professor of Biology*. B.A., Davis and Elkins College; M.S. in Ed., Madison College.

MURIEL MAE KELLY, *Associate Professor of Education*. B.S., Radford College; M.A., Columbia University; Ph.D., George Peabody College for Teachers.

MARY KATHRYN KING, *Assistant Librarian*. B.A., Eastern Mennonite College; M.S. in L.S., Drexel Institute of Technology.

WILLIS BERNARD KNIGHT, *Assistant Professor of Education*. B.S. in Ed., Tusculum College; M.Ed., University of Virginia.

ALLEN LACY, *Assistant Professor of Philosophy*. A.B., Ph.D., Duke University.

RALPH V. LAHAIE, *Professor of Speech*. B.S., Central Michigan College of Education; M.A., University of Florida; Ph.D., University of Denver.

MARY E. LATIMER, *Professor of Speech*. B.A., Hiram College; M.A., Ph.D., University of Wisconsin.

JOHN J. LEHRBERGER, JR., *Assistant Professor of Mathematics*. A.B., M.A., University of Louisville.

THOMAS W. LEIGH, *Associate Professor of English*. B.A., Hampden-Sydney College; M.A., University of Michigan.

WILLIAM LELAND, *Assistant Professor of Music*. B.M., The Philadelphia Conservatory of Music; M.M., The College-Conservatory of Music of Cincinnati; Certificate in Piano, The Niedersaechsische of Hochschule, Hanover, Germany; Pupil of Hans Barth and Karl Engel.

JOSEPH A. LEVEY, *Assistant Professor of Music*. B.M., West Virginia University; M.M., Northwestern University.

JAMES OLIVER LINK, *Assistant Professor of Speech*. A.B., Catawba College; M.A., University of Virginia.

MARY JEANNETTE S. LOCKARD, *Assistant Professor of Home Economics*. B.S.H.E., M.S.H.E.Ed., West Virginia University.



LOUIS GLENN LOCKE, *Professor of English*. A.B., Bridgewater College; M.A., George Washington University; A.M., Ph.D., Harvard University.

JOHN WARD LONG, JR., *Assistant Professor of Physical and Health Education*. A.B., Bridgewater College; M.A., Columbia University.

PAULINE C. LONG, *Registrar*. B.S., Madison College.

PAUL MCCORKLE, *Professor of Physics*. B.A., The Ohio State University; M.S., Ph.D., Cornell University.

MARCELLE S. MACE, *Assistant Professor of Music*. B.A., University of Delaware; M.A., Teachers College, Columbia University; student, Juilliard School of Music.

CLIFFORD T. MARSHALL, *Associate Professor of Music*. B.M., Eastman School of Music; M.M., Sherwood School of Music.

FERNANDO Q. MARTINEZ, *Professor of Spanish*. A.B., Oglethorpe University; M.A., Ph.D., University of Virginia.

PHYLLIS MEEK, *Assistant Dean of Women and Assistant Professor of Guidance*. A.B., Southeastern State College, Durant, Oklahoma; M.A., Ohio University.

LYDIA PURSER MEEKS, *Assistant Professor of Education*. A.B., East Carolina Teachers College; A.M., Columbia University.

WILLIAM L. MENGEBIER, *Professor of Biology*. B.S., The Citadel; M.S., Oberlin College; Ph.D., University of Tennessee.

HARRY KENT MOORE, *Assistant Professor of Physical Science*. B.S., Manchester College; Ed.M., Harvard University.

LEOTUS MORRISON, *Assistant Professor of Physical and Health Education*. B.S. in Ed., Georgia State College for Women; M.A., George Peabody College for Teachers.

MARY O. MURPHY, *Assistant Professor of Education and Field Supervisor of Student Teaching*. B.A., Newberry College; M.Ed., Ed.D., University of Georgia.

- ELIZABETH B. NEATROUR, *Assistant Professor of French*. B.A., Mary Washington College; M.A. in Ed., Madison College; recipient of Certificat D'Etudes Francaises from L'Universite de Paris.
- FORREST C. PALMER, *Librarian; Professor of Library Science*. B.A., Valparaiso University; B.S. in L.S., M.S. in L.S., George Peabody College for Teachers.
- BENJAMIN W. PARTLOW, *Associate Professor of Chemistry*. B.S., Washington and Lee University; M.S., George Washington University.
- BEVERLY ANNE PLEASANTS, *Instructor of Biology*. B.S. in Ed., Madison College; M.S., Louisiana State University.
- RAYMOND J. POINDEXTER, *Professor of Education*. A.B., Randolph-Macon College; M.A., University of Virginia; Ph.D., The Ohio State University.
- GEORGE W. POLITES, *Assistant Professor of Mathematics*. B.S., Western Michigan College; M.S., The Florida State University.
- MARGARETE WOELFEL RAUCH, *Professor of French and German*. B.A., M.A., Ph.D., University of Leipzig, Germany.
- L. OWENS REA, *Professor of Economics*. A.B., Ph.D., The Johns Hopkins University.
- ANGELA S. REEKE, *Assistant Professor of Education*. B.S., Paterson State College; M.Ed., University of Virginia.
- <sup>1</sup>FRANCIS B. RHEIN, *Associate Professor of Biblical Literature*. B.S., University of Virginia; B.D., Virginia Theological Seminary.
- DOROTHY ROWE, *Associate Professor of Home Economics*. B.S., Madison College; M.S., Ph.D., The Ohio State University.
- RUTH S. RUCKER, *Assistant Professor of Business Education*. B.S., M.A., University of Missouri.
- LONDON A. SANDERS, *Professor of Business Education*. B.S., M.S., University of Tennessee; M.Ed., University of Pittsburgh.



ANTHONY SAS, *Associate Professor of Geography*. B.A., University of Amsterdam, The Netherlands; M.A., University of Washington; Ph.D., Clark University.

BESSIE R. SAWHILL, *Associate Professor of English*. A.B., Olivet College; A.M., University of Wisconsin; Ph.D., The Johns Hopkins University.

MARGARET JEAN SCHMIDT, *Assistant Professor of Mathematics*. B.S. in Ed., The Ohio State University; M.S., Florida State University.

EDYTHE SCHNEIDER, *Associate Professor of Music*. B.M., Chicago Conservatory; Pupil of Frank LaForge and Coenraad Bos, New York; student, Juilliard School of Music.

LETA C. SHOWALTER, *Assistant Librarian*. A.B., Bridgewater College; B.S. in L.S., Columbia University.

<sup>2</sup>FRANK M. SIDORFSKY, *Assistant Professor of Music*. B.M.Ed., Kansas State Teachers College; M.M., Eastman School of Music.

KATHARINE SIEG, *Assistant Professor of English*. B.A., Lenoir-Rhyne College; M.A., University of Virginia.

MARTHA D. SIEG, *Assistant Professor of Home Economics and Field Supervisor of Student Teaching*. B.A., Wittenberg College; M.S., University of Tennessee.

CAROLINE SINCLAIR, *Professor of Physical and Health Education*. B.S., College of William and Mary; Ph.D., New York University.

EARLENE ANDES SMITH, *Assistant Professor of Business Education*. B.S., Madison College; M.A., George Peabody College for Teachers.

ELMER L. SMITH, *Professor of Sociology*. B.S., Florida Southern College; M.A., Western Reserve University; D.S.Sc., Syracuse University.

GLENN C. SMITH, *Professor of History*. B.S., State Teachers College, East Stroudsburg, Pennsylvania; M.S., Temple University; Ph.D., University of Virginia.

ROBERT C. SMITH, *Assistant Professor of Music and Field Supervisor of Student Teaching*. B.S. in Ed., M.S. in Ed., University of Illinois.

JOHN G. STEWART, *Assistant Professor of Foreign Languages and Education*. B.A., College of the Pacific; M.A., Columbia University.

KYLE STIRLING, *Instructor of Journalism; Public Information Officer*. A.B., High Point College.

<sup>1</sup>MARY P. STROUGH, *Assistant Professor of Health Education*. B.S., Richmond Professional Institute, College of William and Mary; R.N., Stuart Circle School of Nursing.

HELEN FAGSTAD SWINK, *Assistant Professor of English*. B.S., West Virginia University; M.A. in Ed., Madison College.

MARJORIE B. TATE, *Associate Professor of Physical and Health Education*. B.S., University of Minnesota; M.A., Columbia University; Ph.D., State University of Iowa.

CRYSTAL THEODORE, *Professor of Art*. A.B., Winthrop College; A.M., Ed.D., Columbia University.

E. L. TOLBERT, *Professor of Guidance; Dean of Students*. B.S., University of Virginia; M.A., The Ohio State University; Ed.D., Columbia University.

JOSEPH TOMS, JR., *Assistant Professor of Education and Field Supervisor of Student Teaching*. B.S. in Ed., M.S. in Ed., Southern Illinois University.

ROSALIND L. TRENT, *Assistant Professor of Education*. A.B., Woman's College of the University of North Carolina; M.A., Duke University.

MARY LOUISE TRIMPEY, *Assistant Dietitian*. B.S., West Virginia University.

LEWIS O. TURNER, *Assistant Professor of Education; Director of the Anthony-Seeger Campus School*. A.B., Lynchburg College; M.Ed., Ed.D., University of Virginia.



WILLIAM O. WALSH, *Assistant Professor of Business Education*. B.S., Southwest Missouri State College; M.S., Kansas State Teachers College.

EVELYN WATKINS, *Assistant Professor of Education*. A.B., Mississippi State College for Women; A.M., Columbia University.

LOWELL M. WATKINS, *Assistant Professor of Music*. B.S., State College, West Chester, Pennsylvania; M.A., Columbia University.

JOHN C. WELLS, *Professor of Physics*. A.B., Colgate University; A.M., Ed.D., Columbia University.

ELSIE H. WIGLEY, *Assistant Professor of Education*. B.S., Ithaca College; A.M., Columbia University.

HOWARD WILHELM, *Assistant Professor of Economics and Geography*. B.A., University of Virginia; M.A. in Ed., Madison College.

RUTH JONES WILKINS, *Associate Professor of English*. A.B., M.Ed., College of William and Mary; M.A., University of Richmond.

BAXTER DOUGLAS WILSON, *Associate Professor of English*. B.A., The Citadel; M.A., Ph.D., University of Virginia.

COLUMBIA WINN, *Associate Professor of Education*. A.B., University of Colorado; M.A., University of Chicago.

JOHN E. WOOD, *Assistant Professor of History*. B.A., University of Virginia; M.A., Tulane University.

CHARLES W. ZIEGENFUS, *Assistant Professor of Mathematics*. B.S., Moravian College; M.S., University of Kansas.

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<sup>1</sup>On part-time basis.

<sup>2</sup>On leave of absence, 1962-63.

LABORATORY SCHOOL EXPERIENCES STAFF<sup>2</sup>

MR. RAYMOND J. POINDEXTER

*Director*

<sup>2</sup>Through contractual agreements with the School Boards of the City of Harrisonburg and the County of Rockingham, arrangements have been made for student teaching which are mutually beneficial to the College and these public school systems. The personnel employed for this work are given faculty status by the College, with full participation in faculty meetings and other faculty activities.

The Superintendents of Schools of the City of Harrisonburg and of Rockingham County are local coordinators of student teaching in their respective school systems.

In addition to the supervisory personnel employed in the local school divisions, the College selects cooperating teachers in several school divisions in the northern part of the State to whom student teachers are assigned for off-campus student teaching.

All laboratory school experiences, including student teaching, are under the direction of the Director of Laboratory School Experiences.

## COORDINATORS OF STUDENT TEACHING

Harrisonburg—MR. M. H. BELL, *Superintendent*Rockingham County—MR. WILBUR S. PENCE, *Superintendent*

## FIELD SUPERVISORS

## For Elementary Education

MISS JANET HOPKINS, *Assistant Professor*MRS. PAULINE G. JONES, *Assistant Professor*

## For Secondary Academic

MRS. MARY O. MURPHY, *Assistant Professor*MR. JOSEPH TOMS, JR., *Assistant Professor*

## For Business Education

MISS SARA ANDERSON, *Assistant Professor*

## For Home Economics Education

MISS MARTHA SIEG, *Assistant Professor*

## For Music

MR. ROBERT C. SMITH, *Assistant Professor*

## For Physical and Health Education

MISS PATRICIA J. BRUCE, *Associate Professor*



## ANTHONY-SEEGER CAMPUS SCHOOL

MR. LEWIS O. TURNER, *Director*MISS EMILY V. BUSHONG, *Assistant Professor, Supervisor of Sixth Grade.*MISS RUTH COOPER, *Assistant Professor, Supervisor of Second Grade.*MRS. MILDRED DICKERSON, *Assistant Professor, Supervisor of Nursery School.*MRS. JACQUELINE D. DRIVER, *Assistant Professor, Supervisor of Fourth Grade.*MRS. ZULA H. HERRING, *Assistant Professor of Library Science, Librarian.*MRS. LYDIA PURSER MEEKS, *Assistant Professor, Supervisor of Fifth Grade.*MRS. ANGELA S. REEKE, *Assistant Professor, Supervisor of Third Grade.*MISS EVELYN WATKINS, *Assistant Professor, Supervisor of First Grade.*MISS ELSIE WIGLEY, *Assistant Professor, Supervisor of Kindergarten.*

## HARRISONBURG HIGH SCHOOL

MISS ROSALIND L. TRENT, *Assistant Professor, Supervisor of Junior High School.*MISS GRACE E. HERR, *Assistant Professor, Supervisor of Business Education.*MISS KATHARINE SIEG, *Assistant Professor, Supervisor of High School.*

## Standing Faculty and Student-Faculty Committees, 1962-63

### ADMINISTRATIVE COUNCIL

Membership: The President, *chm.*, the Dean of the College, the Business Manager, the Dean of Students.

Function: To work and advise with the President in determining important administrative policies and to assist him in finding solutions for administrative problems.

### GRADUATE COUNCIL

Membership: The Dean of the College, *chairman and executive officer*, the directors of the four divisions, MR. BUCHER, MR. MENGEIER, MR. POINDEXTER.

Function: To administer the program of graduate education with responsibility for all legislation and formulation of policies affecting graduate curricula and work leading to graduate degrees; the Council shall have full power to make all necessary rules and regulations to carry out this program and to approve candidates for the degree, subject to conformity with the policies of the State Board of Education.

### FACULTY COUNCIL

Membership: The President, *chm.*, the Dean of the College, the directors of the four divisions, MR. CHAPPELL, MR. CLINE, MR. CURTIS, MRS. A. DRIVER, MRS. RAUCH, MR. REA, MRS. SCHMIDT, MR. STEWART.

Function: To advise with the President and the Dean in regard to the over-all or general policies and problems relating to instruction and instructional personnel and other matters which are properly the responsibility of the faculty, including the planning and arranging of programs for faculty meetings; also to assist in the establishment of the committee organization and in the selection of membership for standing committees.



## CURRICULUM AND INSTRUCTION

Membership: The Dean of the College, *chm.*, the Registrar, *secy.*, the Director of Field Services and Placement, the Director of Laboratory School Experiences, the Dean of Students, the directors of the four divisions, the heads of the departments, and the Director of the Campus School.

Function: For the undergraduate program to review and approve new and revised courses, course outlines, curriculum requirements, and instructional policies for recommendation to the faculty.

## CURRICULUM ADVISERS

Membership: The Dean of Students, *Group Chairman*.

- (I) MISS WINN, *chm.*, MR. CURTIS, MR. DILLER, MR. GRAVES, MISS GROVE, MRS. JACKSON, MISS JENKINS, MISS KELLY, MR. LAHAIE, MISS PLEASANTS, MRS. SWINK, MR. WELLS.
- (II) MR. STEWART, *chm.*, MISS BRILL, MR. FISHER, MISS FOY, MR. LEHRBERGER, MR. LEIGH, MR. REA, MRS. WILKINS.
- (III) MR. DINGLEDINE, *chm.*, MR. BEASLEY, MRS. BLAIR, MISS BRUCE, MR. CLINE, MISS HESTER, MR. LINK, MR. MOORE, MISS MORRISON, MR. PALMER, MR. POLITES, MISS SINCLAIR, MISS THEODORE.
- (IV, IX, X) MISS ROWE, *chm.*, MRS. A. DRIVER, MISS C. DRIVER, MRS. LOCKARD, MISS M. SIEG.
- (V, XI) MR. DICKERSON, *chm.*, MRS. COFFMAN, MISS RUCKER, MR. SANDERS, MRS. SMITH, MR. WALSH.
- (VI, XII) MR. BUCHER, *chm.*, MR. ANDERSON, MISS BURAU.
- (VII) MRS. RAUCH, *chm.*, MR. BEER, MR. SAS, MR. WOOD.
- (VIII) MR. IKENBERRY, *chm.*, MR. CHAPPELL, MR. FERRY, MR. GRIMM, MR. HARNBERGER, MR. MENGEIER, MR. ZIEGENFUS.

Note: MR. CALDWELL, MR. LOCKE, MR. E. SMITH—advisers for majors in their departments.

Function: To assist in registration of students and to serve as advisers to students registered in the various curricula.

## BASIC STUDIES

Membership: MR. LOCKE, *chm.*, MR. BEER, MR. CALDWELL, MR. CLINE, MR. DINGLEDINE, MISS MEEK, MRS. NEATROUR, MRS. SCHMIDT, MISS THEODORE, MR. WELLS.

Function: To direct, guide, and recommend adjustments in the program of general education or basic studies required of students in all curricula.

## LIBRARY

Membership: MR. PALMER, Librarian, *chm.*, MISS BRILL, MISS BURAU, MR. CURTIS, MR. FERRY, MRS. HERRING, MISS HOOVER, MISS HOYT, MRS. JACKSON, MRS. MURPHY.

Function: To advise and work with the Librarian in the development and use of library services. This committee shall meet at least once each semester.

## ATTENDANCE

Membership: The Dean of Women, *chm.*, the Dean of Students, the Dean of the College.

Function: To make decisions concerning unusual situations related to absences of students from classes and to those on academic probation and first semester freshmen.

## VISITING SCHOLARS

Membership: MR. LOCKE and MR. IKENBERRY, *co-chm.*, MR. CHAPPELL, MR. DILLER, MISS KELLY, MISS LATIMER, MR. MOORE, MISS ROWE, MISS SCHNEIDER, MR. STEWART, MRS. WILKINS, MR. WOOD.

Function: To plan and arrange for visiting scholars in the several academic and specialized fields, including cooperation with the University Center of Virginia in Richmond in the Visiting Scholars Program.



## INSTITUTIONAL EVENTS

Membership: MR. CALDWELL, *chm.*, the Dean of Women, MISS COOPER, MR. GASQUE, MR. POINDEXTER, MRS. REEKE, MR. SANDERS, MR. WELLS, and a representative from the Music Department.

Function: To plan and arrange for the annual Institute on Public Education and other appropriate institutional events.

## ARTS FESTIVAL

Membership: MR. LOCKE, *chm.*, MISS BLACKMON, MR. BUCHER, MR. DILLER, MR. LACY, MR. LEIGH, MR. LELAND, MR. LINK, MISS THEODORE, MRS. WILKINS.

Function: To plan and arrange appropriate programs for the annual Arts Festival.

## ASSEMBLIES, PUBLIC EXERCISES AND ENTERTAINMENTS

Membership: MR. ANDERSON and MISS LATIMER, *co-chm.*, the Business Manager, MR. COOL, MR. LAHAIE, MR. MARSHALL, MRS. SWINK, the Vice-Presidents of the Women's Student Government Association, the Men's Student Government Association and a representative from each of the four classes.

Function: To plan the assemblies, public exercises and entertainments for the College, including commencements.

## ADMISSIONS AND STUDENT AID

Membership: The Dean of the College, *chm.*, The Director of Admissions and Student Aid, *secy.*, the Dean of Students, the Registrar, MR. LOCKE, MR. E. SMITH.

Function: To approve policies governing the admission of students and to review and act on borderline cases which may be referred by the Director of Admissions and Student Aid; to review and approve the applications of students recommended by the Director of Admissions and Student Aid for the State Student Loan Fund Scholarships, Unfunded Scholarships, and other special scholarships.

## STUDENT-FACULTY RELATIONS

Membership: MR. CLINE, *chm.*, the Dean of Students, the Dean of Women, the Assistant Dean of Women, MRS. COFFMAN, MR. JONES, MRS. LOCKARD, MISS MORRISON, MRS. SCHMIDT, MR. TOMS, MRS. WILKINS, three student representatives from each class, the President of the Student Government Association (*ex officio*).

Function: To consider the responsibilities and privileges of students and to present their findings and recommendations to the President of the College.

## FIELD SERVICES

Membership: MR. POINDEXTER, *chm.*, MR. GASQUE, *secy.*, MR. BUCHER, MR. CURTIS, MR. DICKERSON, MR. GRAVES, MR. POLITES, MRS. RAUCH, MISS ROWE, MISS SINCLAIR, MISS WATKINS, MR. WILHELM.

Function: To advise and assist the Director of Field Services with matters brought to the Committee by him.

## RADIO-TELEVISION

Membership: MR. LAHAIE, *chm.*, MR. BEER, MR. BUCHER, MISS HOYT, MR. LINK, MR. MARSHALL, MR. MENGEBIER, MR. STIRLING, MISS THEODORE, MR. TURNER, MR. WELLS.

Function: To consider plans and establish policies and procedures for television and radio programs with the local WSVA-TV, WSVA and WHBG Radio Stations, to give consideration to future plans for an instructional TV program for public schools in the area served by the local WSVA-TV, Channel 3, Station, and for use of educational TV courses carried on national TV networks.

## JUDICIARY

Membership: The President, *chm.* (without vote), the Administrative Council, the Dean of Women, the Assistant Dean of Women, the Secretary of the Faculty, a faculty adviser for Student Government (MR. CALDWELL), a faculty adviser for the Honor Council (MR. DINGLELINE).



Function: To review reports for suspensions of students and appeals from actions of the Student Government Council and the Honor Council and submit recommendations to the President.

#### HEALTH COUNCIL

Membership: MISS CRAWFORD, *chm.*, the Dean of Students, the Business Manager, the College Physician, MISS COPPER, MRS. DINGLEDINE, MR. GRIMM, MISS JENKINS, MR. LEHRBERGER, MR. LONG, MISS SINCLAIR, MRS. STROUGH.

Function: To plan and recommend programs and policies concerned with the health problems of students, faculty, and other employed personnel.

#### ALUMNI RELATIONS

Membership: MRS. GARBER, *chm.*, the Secretary of the Alumni Association, MISS ANDERSON, MRS. BLAIR, MISS COPPER, MR. DELONG, MISS DOWNEY, MRS. A. DRIVER, MR. GASQUE, MISS HOPKINS, MISS ININGER, MRS. JACKSON, MISS M. SIEG, MRS. SWINK, MISS TATE.

Function: To promote closer relations with the alumni and to render assistance in increasing the number of active alumni chapters.

#### STUDENT PERSONNEL

Membership: MR. STEWART, *chm.*, the Dean of Students, MISS CRAWFORD, MISS CURTIS, MR. MOORE, MISS ROWE, a hostess to be appointed by the Dean of Students, and an elected representative from each of the four classes and the Men's Student Government Organization.

Function: To serve in an advisory capacity on matters relating to student personnel work and to appropriate relationships with other units of the College.

#### RESEARCH AND OTHER STUDIES

Membership: MR. MENGENBIER, *chm.*, MR. COOL, MR. CURTIS, MR. KNIGHT, MRS. MURPHY, MR. REA, MISS ROWE, MR. SAS, MISS M. SIEG, MR. E. SMITH, MISS TATE, MR. ZIEGENFUS.

Function: To define goals of the College for research and other studies and to stimulate interest in projects to this end.

MADISON REPRESENTATIVES FOR  
UNIVERSITY CENTER

*Board of Directors*—PRESIDENT G. TYLER MILLER.

*Council*—DEAN PERCY H. WARREN.

*Projects Committee*—MR. ELMER L. SMITH, Director of the Division of Social Sciences; Head of the Department of Social Science and History; Professor of Sociology.

*Research Council*—MR. WILLIAM L. MENGEBIER, Head of the Department of Biology; Professor of Biology.

*Visiting Scholars Committee*—MR. LOUIS G. LOCKE, Director of the Division of the Humanities; Head of the Department of English and Literature; Professor of English.

*Visiting Scientists Committee*—MR. J. EMMERT IKENBERRY, Director of the Division of the Natural Sciences; Head of the Department of Mathematics; Professor of Mathematics.

*Musical Program Committee*—MR. LESTER S. BUCHER, Head of the Department of Music; Professor of Music.

*Film Library Consultant*—MISS FERNE R. HOOVER, Assistant Librarian; Associate Professor of Library Science.

*Library Affairs*—MR. FORREST C. PALMER, Librarian; Head of the Department of Library Science; Professor of Library Science.

*Public Relations*—MR. QUINCY D. GASQUE, Director of Field Services and Placement.

*Institutional Events*—MR. CHARLES G. CALDWELL, Director of the Division of Teacher Education; Head of the Department of Education and Psychology; Professor of Education.

*Eastern Studies Committee*—MR. JOHN E. WOOD, Assistant Professor of History.



## PART TWO

### The Meaning of Madison College

To describe some of the qualities and attitudes which are gathered together in the meaning of Madison College, the following pages will present ★

★ THE ORGANIZATION OF MADISON COLLEGE

★ CHOOSING AND PREPARING FOR A  
CAREER

★ STUDENT COUNSELING

★ FRESHMAN ORIENTATION WEEK

★ THE COURSE OFFERINGS OF THE  
COLLEGE

★ AIDS TO STUDENT DEVELOPMENT

★ THE COLLEGE YEAR

★ THE PLACEMENT OF GRADUATES

★ THE ALUMNI ASSOCIATION

## The Organization of Madison College

Madison College is a State-aided general college of arts and science operated under the supervision, management, and government of the State Board of Education. It prepares students for the responsibilities of life and leadership in the State and Nation.

While Madison College fulfills the functions of a liberal arts institution, the College continues its major function of preparing teachers for the Virginia public schools by offering courses in the liberal arts and in specialized fields of education. The degrees which Madison is authorized to confer are: Bachelor of Arts, Bachelor of Science, Bachelor of Music Education, Bachelor of Music, Master of Arts in Education, Master of Science in Education, and Master of Science.

In 1954 the College was authorized by the State Board of Education to grant the degrees of Master of Arts and Master of Science in Education. On October 31, 1960, the State Board of Education authorized the College to offer the Master of Science degree.

The general responsibility for the administration of the College has been assigned to the President who is appointed by the State Board of Education. A special committee of the Board serves with the President in an advisory and coordinating capacity to assist him with administrative problems and in formulating major policies. The committee also reviews all of the formal reports and most of the special reports of the President to the Board, and submits its recommendations concerning proposals contained therein.

To assist the President in the administration of the College, the Board has established the offices of Dean of the College, Dean of Students, Director of Admissions and Student Aid, Business Manager, and Director of Field Services and Placement as major administrative positions. Appointments to these positions, other administrative offices, and to the faculty and staff of the College are made by the Board upon the recommendation of the President.



Within the framework of legal enactments and regulations and policies established by the State Board of Education, the instructional program of the College is determined by the faculty, with the President of the College, as faculty chairman, and a secretary elected from its own body.

The faculty of the College is now grouped in four divisions: Teacher Education, Humanities, Natural Sciences, and Social Sciences. The various departments of the College are included in the divisions which represent their contribution. The directors of the divisions, the department heads, and the individual faculty members are directly responsible to the Dean of the College in all matters pertaining to instruction.

The divisional organization is as follows:

1. The Division of Teacher Education, which includes the Department of Education and Psychology, the supervisors responsible for laboratory experiences for teachers, and a representative from each department that offers a major or minor or an area of concentration for students in the teaching curricula.
2. The Division of the Humanities, which includes the Departments of Art; English Language, Literature, Speech, General Philosophy; Foreign Languages; and Music.
3. The Division of the Natural Sciences, which includes the Departments of Biology, Chemistry, Geology, Mathematics, Physics, and Physical and Health Education.
4. The Division of the Social Sciences, which includes the Departments of Business and Business Education, History and Social Science, Library Science, and Home Economics.

## Choosing and Preparing for a Career

Young men and women of America want to find careers which will give them opportunities for leadership. The best preparation for leadership is to be found in our colleges and

universities. Therefore, young people must answer the question:

*Have I the health, the physical characteristics, the aptitudes, the abilities, and the strength of purpose necessary for success in a career which requires a college education?*

The answer to this question will be found in a thorough self-analysis of the individual's personal qualities, including those listed in the question. His next step, then, is to match his own characteristics with those essential for success in a career. It is important that he make certain he has the ability to do college work; otherwise he may waste time and money.

Many high school graduates have decided upon their careers before they go to college. Others find it hard to make a decision and need one or two exploratory years in college. The next logical step is to select a college which can give the right kind of education for the chosen career, or which will help the undecided student examine his potentialities during his early college years. There are a number of other factors which ought to be taken into consideration: admission requirements, academic rating in comparison with other colleges, adequacy of buildings and equipment, location with respect to a healthful climate, dormitory living conditions, opportunities for student self-government, health and medical services, counseling services, and placement services.

The young man or woman who uses judgment in the selection of his college can look forward to rich and satisfying experiences. College will provide opportunities for acquiring an understanding of life, establishing desirable goals in life, and developing skill in the art of successful living. Through books the student will become acquainted with the contributions which have been made to our civilization by the great thinkers, the artists, the scientists, and the common man. He will learn to appreciate the human effort to reduce suffering, poverty, and insecurity. He will learn to seek new truths and to develop the techniques of verifying, organizing, and using them. These accomplishments, coupled with an understanding of the structure and operation of American government, will help make him a useful citizen in a democracy. Moreover, the



personal associations he will have with faculty members and with other students from varied environments will strengthen and increase his own resources.

## Student Counseling

For freshmen, college life is a new experience requiring many adjustments to a new and unfamiliar environment. Because individuals differ in their ability to adjust to new situations, some students need more help than others. When help is needed, Madison College provides it.

Actually, student counseling begins before the student reaches the campus. College field representatives visit many Virginia high schools to give firsthand information to interested students about the curricula, courses, student activities, dormitory living, tuition and other costs, scholarship and loan assistance, and other information needed for the intelligent choice of a college.

After a student's application for admission has been approved by the Committee on Admissions and Student Aid, the administrative officers, the faculty, and certain upper-class students assume responsibilities for helping the new student plan his college experience. Each incoming student receives a copy of the College Catalog and the *Student Handbook*.

To assist the new student with his program of studies and problems of registration, an experienced member of the faculty will serve as his adviser for a period of two years. If the new student supplies information about himself prior to enrollment, the adviser can make preparation for an individual conference during registration week. During the first semester, the adviser will keep in close touch with the student's progress in college and hold frequent conferences to discuss further plans. After the first semester, the conferences will be on a voluntary basis if the student has demonstrated his ability for self-direction. This arrangement will continue during the second college year or until the student has definitely selected his major field of concentration. The head of the department in which the student is majoring will then assume the responsibility for counseling.

If a student has not decided upon a vocation when he enters college, the Dean of Students and his staff will help him explore the possibilities in terms of his own interests, aptitudes, and abilities. The Dean of Students assembles information about individuals, supplements this information by data from tests, and helps the student clarify his thinking about his problems. As a result the student is usually able to decide upon a curriculum which will give him the education he needs. Interviews are held from time to time until it is evident that the student has become self-directive.

The counseling service is also available to students on a voluntary basis. Often a student may be in doubt about the plan he has made for his career. The Dean of Students is glad to review the student's plans and to furnish information about vocations and employment trends. Aptitude, interest, achievement, and personality tests may be given free of charge when needed.

The President, the Dean of the College, the Dean of Students, the Dean of Women, the Assistant Dean of Women, and the Registrar keep in close touch with the progress and welfare of students. Student problems are given careful consideration in individual conferences with these officers.

Faculty members have regular office hours for student conferences and additional conferences may be arranged by appointment.

Senior student counselors assist freshman women to adjust to college environment. Since the counselors have had three years of college experience, they are well acquainted with student problems and can help freshmen with their personal problems.

## Freshman Orientation Week

All freshman students and transfer students are required to report to the auditorium in Wilson Hall at 4:00 o'clock on the Sunday afternoon before registration for instructions regarding the orientation activities. By registering freshmen and transfer



students before upper-class students, the faculty can give undivided attention to the problems of new students.

Some of the activities planned for Orientation Week follow:

1. General achievement testing to supply advisers with information about students, so that they can give greater assistance in individual conferences with students
2. Tests for students who wish to be exempt from General Education courses
3. Business placement testing for students who have taken shorthand and typing in high school and who plan to register in business curricula
4. Physical education testing to ascertain status of posture, motor ability, and physical fitness. Individual conferences are held with the physician at this time
5. Individual counseling by advisers
6. Interviews with the Dean of Students for students who have not definitely decided upon their curricula
7. Informal instruction concerning Student Government and the Honor System
8. Indoctrination into the traditions of Madison College
9. Reception at "Hillcrest," the President's home
10. Entertainment by student activities groups.

## The Course Offerings of the College

### EDUCATION FOR TEACHING

*Elementary Teaching:* a course of study leading to the B.S. degree and the Collegiate Professional Certificate. This program covers the entire field of elementary education and will prepare the student to teach in grades 1-7.

*Secondary Teaching:* courses of study leading to the B.S. and A.B. degrees and the Collegiate Professional Certificate. Students following either of these courses take work in

a major and a minor field of concentration, in addition to their general and professional education.

*Business Education Teaching:* a course of study leading to the B.S. degree and the Collegiate Professional Certificate which prepares students to teach any business subject offered in high schools.

*Home Economics Teaching:* a course of study leading to the B.S. degree and the Collegiate Professional Certificate, which prepares students to teach home economics in the public schools.

*Music Teaching:* a course of study leading to the Bachelor of Music Education degree and the Collegiate Professional Certificate which prepares students to teach music at all levels of the public schools.

*Physical Education:* a program leading to the B.S. degree and the Collegiate Professional Certificate, which prepares students to teach physical education in the public schools.

*Library Science:* preparation for full-time librarianship in both elementary and secondary schools or for service as a teacher-librarian is offered by the department of library science.

## LIBERAL ARTS EDUCATION

Madison offers two courses of study in the liberal arts: one leading to the A.B. degree, and one leading to the B.S. degree. Students working for either of these degrees do intensive concentration in a major field.

## INSTITUTION MANAGEMENT

The College offers a course of study leading to the B.S. degree in Institution Management (Dietetics).

## GENERAL HOME ECONOMICS

This course of study leads to the B.S. degree in general home economics and is an all-round, practical course for women which also prepares for the commercial field.



## BUSINESS EDUCATION

The general business course leads to the B.S. degree and is of great practical value to men and women preparing for any commercial or industrial field.

## MUSIC

This course of study in music leads to the Bachelor of Music degree and offers thorough preparation in musical performance.

## PRE-PROFESSIONAL EDUCATION

Madison College also takes great pride in the preparatory education which it gives to students who plan to go into professional work. The College will plan courses to meet the individual needs of students who are interested in pre-professional training for medicine, law, nursing, and medical technology. Pre-professional education is also available for students who wish to prepare themselves to become personnel managers, social workers, psychiatric aides, and to work in health-related fields. The student's particular talents as well as the specific requirements of the professional school which he plans to attend are carefully considered in arranging his pre-professional program at Madison.

## GRADUATE PROGRAM

Madison College has been authorized by the State Board of Education to grant the degrees of Master of Arts in Education, Master of Science in Education, and the Master of Science. For a more detailed statement see pages 82-89.

## ELECTIVES

Because Madison considers general education to be as important as professional and specialized education, the College encourages its students to choose as electives a substantial number of courses which have general educational value. Practically all of the courses listed on pages 131-224 are available as electives.

## Aids to Student Development

Of genuine importance to a college—and hence to its students—are the many special opportunities which are concentrated on the campus. Madison believes that what the student learns in the classrooms is only a part of what he can learn while he is in college. Over the years the College has developed a number of supplementary services which play an important role in personal and professional development.

*The Library* contains approximately 104,000 volumes and receives 560 current periodicals. About 5,000 books are added annually. The book collection has been carefully selected to provide the books necessary to supplement the college studies of all students and to permit students to read widely in subjects not covered by formal classes. A staff of five librarians is available to help students learn to make effective use of library resources and to develop enjoyable reading habits.

The Bureau of Teaching Materials, an agency of the State Department of Education, is located at Madison College to provide films and film strips to the public schools of the northern region of Virginia as well as for Madison College classrooms.

*The Assembly* is a Wednesday meeting which students are required to attend. For these assemblies people of outstanding talent in music, drama, and literature, as well as prominent speakers who talk to students and faculty members on current affairs and other important subjects, are frequently brought to the campus.

*The Lyceum Series* includes outstanding musical and theatrical artists.

*Student and Faculty Exhibitions and Recitals* periodically present the work of Madison artists in music and the arts.

*The Speech and Hearing Clinic*, directed by a specialist in speech correction, serves college students who need help with their own functional speech defects; students preparing to teach speech; and children and adults of Harrisonburg and vicinity who need help with functional speech problems.



*The Reading Center* works closely with children and teachers in the Anthony-Seeger Campus School and in the public schools located within the area, in analyzing reading difficulties and helping pupils to improve their reading abilities. The Center also works in an advisory capacity with a limited number of college students referred by the Office of the Dean of Students.

*The Child Guidance Center* serves children and adolescents enrolled in the Campus School and in the public schools in Harrisonburg and its environs. Because of limited personnel the major function of the Center at the present time is diagnostic rather than therapeutic.

*The Medical Service* is essential for the physical and mental welfare of our students. The College Physician and the nurses are particularly interested in the obvious relationship between good health and effective learning.

*A Body Mechanics Clinic* directed by the Department of Physical Education is available to students who are in need of help in the correction of functional remediable defects of posture and carriage.

*The Co-curricular Organizations*, discussed more fully on pages 57-59, include a number of student clubs attached to some of the departments of instruction which offer concrete opportunities for interesting work in the different fields of knowledge.

## The College Year

The College is open for work throughout the entire year except between sessions, about two weeks in June, and approximately four weeks in the late Summer.

### THE REGULAR SESSION

The regular session of the College consists of two semesters: the *Fall semester*, which begins in the middle of September; and the *Spring semester*, which begins usually at the end of January. Although most students enter college at the beginning of the Fall semester, beginning students are welcome at the opening

of either semester, or the Summer Session. Students who wish to accelerate their programs are encouraged to attend both regular and Summer Sessions.

### THE SUMMER SESSION

The Madison College Summer Session for undergraduates is eight weeks long. It begins about the middle of June and ends about the middle of August. College work done during the Summer Session is equal in value to that done at any other time. However, students are usually limited to about half of the load they might take during a Winter Session semester. A catalog of the Summer Session, published early each spring, may be obtained from the Dean of the College.

In addition to the Eight-Week Session, in which undergraduate courses are taught, Madison has an Intersession of three weeks which is followed by a Six-Week Session. Only graduate courses are taught in the Intersession and Six-Week Session.

## The Placement of Graduates

The College brings its graduates to the attention of prospective employers through the Office of Placement. Naturally those students who make the best scholarship and citizenship records, who have the appropriate education, and who offer the best experience are in the greatest demand.

Each semester, graduating students in the four-year curricula enroll with the placement bureau, fill out appropriate blanks, and receive information and instructions relative to securing positions. Complete records, including the recommendations of several faculty members who are acquainted with the student's work, a report from the supervisor (for students in the teaching curricula), photographs, and other information regarding the ability, personality, and scholarship of the graduate are kept on file.

The aim of the placement bureau is not only to place new graduates effectively but also to furnish satisfactory placement service to alumni who are qualified for better positions and who



desire to change positions or type of work. Placement records are supplemented by additional data from time to time. Copies of these records are available to superintendents and other employers upon request. Each graduate is expected to take the responsibility for filling in the proper blanks for the files and to share the responsibility for securing a suitable position.

Students who desire teaching positions in states other than Virginia must take the responsibility for meeting the requirements for certification in the state in which they are interested.

Division superintendents and principals who desire teachers, and other employers who want workers in the fields in which Madison College offers instruction, are invited to state their needs to the Director of Field Services and Placement. The College will arrange interviews between prospective employers and employees.

#### IN-SERVICE TEACHER EDUCATION

After helping to place graduates in public school positions, the College assumes a further obligation to follow up these students as they begin their teaching careers. The Director of Field Services and Placement, through personal visits and letters and in other appropriate ways, gives assistance to the beginning teacher on the job. Other important aspects of the plan include the development of better working relationships and understanding between the College and the public schools and bringing factual information from the field which may aid in planning the education of teachers. The Director also provides opportunities for members of the faculty and for junior and senior students to visit and observe in public schools.

#### The Alumni Association

The purpose of the Alumni Association is to keep the College in touch with its graduates, both men and women; to acquaint them with its work, its plans, and its needs; to further their interests in all possible ways; and to promote warm fellowship among them by providing frequent reunions.

There are fifteen local chapters, thirteen in Virginia, one in Baltimore, and one in Charleston, West Virginia. These chapters are active in keeping contacts with the College, in continuing friendships, and in interesting new students in coming to Madison. In order to put the work of the Association on a sound financial basis, the Madison College Alumni Association recently established a *loyalty fund* to which they are asking all alumni to contribute.

The Association keeps a directory of graduates of Madison College, publishes two alumni news bulletins each year, and holds a special reunion every year in the Spring, when all former students are invited to visit the College.

The faculty committee on alumni relations and the Alumni Secretary, whose office is in Alumnae Hall, keep graduates informed about the College and welcome communications and suggestions from former students.



## PART THREE

### The Campus

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A College is not only a spirit, an ideal, a collection of books and equipment and students and teachers; it is also a tangible thing in a fixed place. The following pages will briefly present information about ★

★ THE LOCATION OF THE COLLEGE

★ THE CAMPUS AND THE BUILDINGS

## The Location of the College

Madison College is on the southern edge of Harrisonburg, an attractive Virginia city of thirteen thousand people. Harrisonburg is in the scenically and historically famous Shenandoah Valley of Virginia, midway between Lexington and Winchester. The surrounding mountains, visible from most of the College buildings, are the Blue Ridge Mountains on the east, beyond the Massanutten range, and the Alleghenies, on the west. This location of the College at an elevation of 1300 feet assures a healthful and invigorating climate.

Harrisonburg is at the intersection of two national highways: U. S. Highway 33, the Spotswood, or Blue and Gray Trail, which runs across the country from east to west; and U. S. Highway 11, the Lee Highway, which runs from north to south.

The Chesapeake and Ohio Railway provides passenger train connections to Harrisonburg at Staunton. The Greyhound Bus Lines connect Harrisonburg with each of these neighboring cities; and at vacation periods, the company supplies special buses for students to all parts of the State. The Piedmont Airlines provide further means of transportation at the Shenandoah Valley Airport, which is only twenty minutes away from the campus. At a time when the entire student body is coming to college or returning home, as at the beginning of the Winter Session or at the vacation periods listed in the catalog, the College will, *on written request* to the President's Office, furnish transportation to and from the Chesapeake and Ohio station at Staunton.

## The Campus and the Buildings

The Madison College Campus, facing on Main Street, extends over sixty-two acres of rolling land. An adjacent 232 acre tract, which will increase the recreational opportunities of the College and provide space for future building needs, has recently been added.



The College plant is built on a plan adopted when Madison was founded. The buildings, grouped on two sides and across the top of a broad central mall, are built of native blue limestone with red tile roofs. The buildings are so designed that all rooms are outside rooms with generous windows to provide good light and ventilation. Telephone connections within the campus and with Harrisonburg exchanges are available in all buildings.

### RESIDENCE AND DINING HALLS

All of the residence halls are two or three story buildings and all the student rooms contain single beds and the usual bedroom furnishings. In most of the dormitories two adjoining rooms are connected by a bath to form a suite. The College provides sheets, pillowcases, and towels. If a student brings extra blankets and linens, she must have them laundered at her own expense. Individual personality and charm can be added to the rooms by rugs, curtains, bedspreads, radios, and other personal items.

Maid service is provided in each dormitory, although students are required to care for their own rooms and make their own beds.

A hostess lives in each dormitory and keeps the residence running smoothly.

*Residence Halls* are: Jackson, Spotswood, Ashby, Sheldon, Cleveland, Johnston, Converse, Logan, Gifford, Wayland, and Shenandoah. The suite plan is used in these dormitories with the exception of Sheldon and Johnston. Additional living quarters for students include Carter, Sprinkel, Messick, Zirkle, Lincoln, Nicholas and Baker Houses. The rooms are furnished with closets, single beds, mattresses, pillows, linen, tables, chairs, and bureaus. Each building has pressing room facilities and kitchenettes.

*Jackson Hall* accommodates approximately fifty students. It has a pressing room equipped with electric irons and ironing boards, and a kitchenette. There is a reception room on the second floor. The students' rooms are painted in pastel shades

of yellow, blue, and green. The telephone switchboard is located on the ground floor of this building.

*Ashby and Spotswood Halls* each include forty rooms for students as well as large reception rooms and suites for the hostesses. On each floor are kitchenettes equipped with the usual kitchen appliances. On the ground floor of each of these buildings are attractively furnished recreation rooms. There is a small gymnasium in Ashby.

*Sheldon and Johnston Halls* each provide accommodations for about eighty students. They have recently been remodeled, redecorated and refurnished throughout.

*Cleveland and Converse Halls* with forty-eight and fifty-seven rooms respectively and *Logan Hall* with fifty-three rooms are modern dormitories. *Gifford Hall* and *Wayland Hall*, the newest dormitories on the campus, are up-to-date in every respect. *Logan Hall*, *Gifford Hall* and *Wayland Hall* have recreation rooms, kitchenettes, and pressing and laundry rooms. The College reserves the right to assign students to the aforementioned dormitories in order to assure maximum occupancy until the debt incurred in their construction is liquidated.

*Carter, Sprinkel, and Messick Houses*, buildings which were formerly private residences, are on the campus and provide additional living quarters for students.

*Shenandoah Hall*, *Zirkle House*, *Lincoln House*, *Nicholas House* and *Baker House*, on Main Street directly across from the campus, also offer additional accommodations.

*Three Dining Rooms*, *Bluestone*, *Junior*, and *Senior*, are located in *Harrison Hall*.

## THE ACADEMIC BUILDINGS

*Wilson Hall*, the building at the top of the mall is the central administration building as well as one of the principal classroom buildings. Here are located the offices of the President, the Dean of the College, the Registrar, the Director of Admissions and Student Aid, the Director of Field Services and Placement, the Business Manager, the Public Information Officer, and the Superintendent of Buildings and Grounds. On



the second, third and fourth floors are classrooms, laboratories, and faculty offices of the departments of art, education, and English. Wilson Hall includes the College auditorium, with a fully equipped stage and a seating capacity of 1,400, and the Men's Lounge.

*Burruss Science Hall* houses the departments of biology, chemistry, physics, mathematics, and geology. In addition to classrooms and offices for these departments, the building includes modern, well-equipped laboratories.

*Maury Hall* contains offices, classrooms, and laboratories for the department of business education.

*Keezell Hall* accommodates the departments of foreign languages, education, social science, and physical and health education.

A wing of this building includes a gymnasium with a seating capacity of 1,000 and a swimming pool. The pool is 25' by 50', lined with tile, and equipped with machinery for filtering, heating, and chlorinating the water. Showering and dressing facilities are available.

The offices of the Director of Laboratory School Experiences and College Field Supervisors of Student Teaching are also in Keezell Hall.

*Anthony-Seeger Campus School* is named for two retired faculty members of the College, Miss Katherine Minor Anthony and Miss Mary Louise Seeger.

Among the features of the building are a well-equipped auditorium, a cafeteria, a library, a health center, a play room, a lounge for parents and visitors, and Reading, Speech and Hearing, and Child Guidance Centers.

Classrooms are provided for a kindergarten, and grades one through six. The nursery school will be housed temporarily in other space on the campus until permanent facilities for it can be provided in an addition to the School.

The purposes of the Anthony-Seeger Campus School are:

1. To serve as a model school in the community, thus providing opportunities for those interested to observe

optimum learning situations in which tested procedures are used;

2. To afford initial laboratory experiences (observation, demonstration) for undergraduate students preparing to teach;
3. To serve as a center for the development of research units, curriculum guides, and audio-visual aids; and
4. To provide limited student teaching opportunities for college students.

*Madison Memorial Library* is conveniently located near classrooms. The office, classrooms, and laboratory for the department of library science are in the library.

*Harrison Hall*, in addition to housing the dining rooms, is the headquarters of the music department. On the ground floor of Harrison are the College tearoom, the post office, the bookstore, and faculty and students' lounges.

*Johnston Hall* ground floor houses classrooms of the department of physical and health education.

*Moody Hall*, completed in 1961, houses the facilities for the home economics department. In addition to lecture rooms, lecture-demonstration rooms, food laboratories, a dining room, conference room, clothing laboratory, lounge, two-room apartment, and five individual offices, there is an auditorium-lecture room with a stage and a seating capacity of 160.

### SPECIAL SERVICE BUILDINGS

*Alumnae Hall* was built largely through the generous contributions of the alumnae and friends of the College. In Alumnae on the first floor are the offices of the Dean of Women, the Assistant Dean of Women, and the Dean of Students. The large parlor on the first floor of this building is a general reception room used for a student dating center and for formal and informal gatherings of students, faculty members, alumnae, and town-and-gown groups. On the second floor are the office of the Alumni Secretary, two meeting rooms, and offices for student organizations.



*Varner Home Management House* provides two practice units for home economics students who live together and practice household skills under the supervision of a home economics instructor. The students serve, in turn, as hostess, housekeeper, cook, and in the many other positions demanded in efficient home management.

*Hillcrest* is the home of the President of the College. It is here that freshmen first meet the President and all the other administrative officers and faculty members at the Freshman Reception during the first week of school.

*Walter Reed Infirmary* was opened in the Fall of 1959. This is a modern building in every particular. It provides twenty-six beds and includes a doctor's private office, two examining rooms, laboratory, therapy treatment room, diet kitchen, medicine room, and a principal nurse's station.

*Rockingham Memorial Hospital*, adjoining the campus, is a private 300 bed hospital which serves Harrisonburg and the county. Students who need hospital and medical care beyond the capacity of the College infirmary are admitted to this modern, well-equipped hospital. The rates for students are reasonable.

The Health Laboratory of the hospital regularly examines the water, milk, and other supplies used by the College and thus protects the health of Madison students.

## PART FOUR

### The Life of the Students

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The opportunities which Madison College offers for learning and growing through life on the campus are described in this part of the catalog, which will include ★

★ STUDENT GOVERNMENT

★ CAMPUS LIFE

★ CO-CURRICULAR ACTIVITIES

★ RELIGIOUS LIFE

★ PHYSICAL LIFE

★ COLLEGE REGULATIONS



## Student Government

In determining policies which affect student life, both the administration and faculty follow democratic procedures. Student opinion is not only welcomed but is frequently sought before reaching final conclusions about matters which involve the welfare of students. The student body through its Student Council, Honor Council, and Men's Student Organization, assumes a large responsibility for student government, including the enforcement of general and social regulations, the honor code and appropriate standards of conduct, and the recommendation of constructive policies for enhancement of happy and wholesome student life on the campus.

*The Women's Student Government Association*, made up of all the women students, elects the officers of the Association who, together with representatives elected by each of the classes, constitute the Student Council. The Student Council handles problems of student government and promotes the cooperation needed for happy student life.

*The Men's Student Government Organization*, composed of all the men students at Madison, exists to promote the welfare of the men students and the College as a whole. The organization includes a Student Court which considers cases of infringement of college tradition, breaches of social etiquette, and other matters contrary to the best interests of Madison College and the men students.

*The Honor Council*, elected by the students, works with the Student Government Association and the Faculty Judiciary Committee of the College to promote honorable behavior in conduct, speech, and writing. The Honor System was created by students who believe that every person who enrolls at Madison College will be proud to belong to an organization which will not tolerate lying, cheating, or stealing. Consequently, after a careful explanation of the Honor Code, each student is asked to sign a pledge promising to uphold this code.

Certain standing committees also have important functions and responsibilities in assisting the Student Government

Council to administer the program of student government on the campus. These include the *Inter-Dormitory Council*, the *Junior Marshals and Ushers*, the *Standards Committee* (for promoting high standards of conduct and appearance), and the *Social, Fire, Recreation, and Fact-Finding Committees*.

### STUDENT-FACULTY STANDING COMMITTEES

Members of the student body and faculty and staff serve together on several college committees so that such groups may be represented in recommending over-all policies to the administration and in approving programs and procedures which vitally affect the students of the College.

## Campus Life

The life of the students, other than the academic part of it, is like any good life anywhere in that much of it is devoted to eating and sleeping. Madison has three student *dining rooms* which are served by modern kitchens and bakeries. Breakfast, lunch, and dinner are served promptly to about eleven hundred students. Like nourishing food, satisfactory rest is an important part of good living. The *dormitories*, which were described in Part Three, are clean, attractive, and well-equipped.

Madison offers excellent opportunities for active and stimulating social life for small and large groups of students. Through the Social Committee, Standards Committee, Recreation Council, dance clubs, and other campus organizations, a strong and varied social program provides opportunities for all students. The Dean of Women, the Assistant Dean of Women, and their assistants exercise general guidance of the social activities of the students.

*Recreation rooms* in the dormitories are equipped with comfortable furniture, ping-pong tables, game facilities, radio-phonographs and television. These rooms are open to students at all times and are used as dating centers several nights each week. The reception rooms in all of the dormitories are



available for various types of entertainment, meetings, and other events.

The *Tearoom*, on the ground floor of Harrison Hall, is a natural gathering place where students and faculty members meet for mid-morning coffee or an afternoon coke. Breakfast and lunches are served daily, except Saturdays and Sundays.

The *College Camp* on the Shenandoah River at the base of the Blue Ridge is a spacious, converted farm house where groups of students can spend refreshing week ends in the company of faculty members of their own choosing. Here they do their own cooking and housekeeping and enjoy outdoor recreation.

*Excursions* to interesting and colorful spots are arranged by Madison College upon requests from students. The many famous Virginia caverns, the mountains, the historic battlefields and other points of interest offer entertaining as well as educational experiences. The College bus may be scheduled also to take students to outstanding attractions or entertainments in Washington, D. C., and Richmond.

*Entertainments* of many kinds are a definite part of Madison social life. There are movies almost every Saturday night in Wilson Auditorium; there are formal and informal dances; there are the College plays; there are plays and concerts given by leading American actors and musicians; there are teas and coffee hours; there are frequent student recitals; and many of the Wednesday assemblies are essentially entertaining. The city of Harrisonburg offers many entertainment facilities.

Madison College has seven *sororities* (Alpha Gamma Delta, Alpha Sigma Alpha, Alpha Sigma Tau, Phi Mu, Sigma Kappa, Sigma Sigma Sigma, and Zeta Tau Alpha) which operate under the general control of the College faculty and local Panhellenic Council. These are all members of the National Panhellenic Council.

There are two *dance clubs* on campus, Cotillion and German, through which large numbers of girls provide beautiful formal dances for all interested students.

The men students at Madison have established two local

fraternities, Sigma Delta Rho and Phi Alpha Epsilon, which promote scholarship, fellowship, and leadership.

The *Sesame Club* for women day students promotes the general welfare of these students.

## Co-Curricular Activities

Much of the social life, as well as the intellectual life of the students, is built around the co-curricular activities—those organizations and clubs which are often related to classroom activities but which are student-centered and student-operated with assistance from faculty members.

Almost every academic department sponsors a club for the out-of-class interests of its students: Alpha Rho Delta (classics), Art Club, Association for Childhood Education, Business Club, Curie Science Club, El Club Espanol, Alpha Beta Alpha (library science), Frances Sale Club (home economics), Future Business Leaders of America, International Relations Club, Le Cercle Francais, Mathematics Club, Mercury Club (physical education), Social Science Club.

*The Women's Athletic Association* is an organization to which all Madison College women students belong. Through its officers and committees the W.A.A. sponsors intramural sports, extramural sports, Orchesis (Dance), Fencing Club, Porpoise Club, and the annual May Day. The W. A. A. provides opportunities for all students to participate in their favorite sports.

*The Men's Athletic Association* offers a comprehensive intramural sports program to men students. It also sponsors an intercollegiate basketball team.

All male students are members of the association and are encouraged to participate in any and all activities.

In addition to providing sporting activities, the M. A. A. also cooperates with the Men's Student Government and the Men's Fraternities in sponsoring Men's Day and the annual spring picnic.

*Musical Organizations* are numerous. There is the *Concert Choir*, an outstanding group of about sixty students under the



leadership of the Department of Music staff, which makes many public appearances on the campus, in Harrisonburg, and in other parts of Virginia. The *Orchestra* and the *Band* are well-equipped and competently directed organizations which perform on campus and elsewhere. A recently organized chapter of *Sigma Alpha Iota*, a national professional music sorority, provides many opportunities to members for varied contacts in the field of music. The *Diapason Club* is an organization for students of organ. The newest group, the *Choral Ensemble*, is a small group of students who specialize in madrigal singing.

*Student Publications*, at Madison, consist of *The Breeze*, *Bluestone*, *Chrysalis*, and the *Handbook*. *The Breeze* is a weekly newspaper managed and produced by the students. *Bluestone* is the College annual, produced every year, and typical of the traditional college yearbook. *Chrysalis* is the campus literary magazine, managed and produced by members of the Criterion Club. The *Handbook* is an annual publication devoted to information about student life, student organizations, and the many other things about which old as well as new students want to know.

*Dramatics* at Madison College is under the leadership of the *Stratford Dramatic Club*, a student group which produces plays each year in Wilson Auditorium.

*Gamma Kappa Chapter of Kappa Pi*, international honorary art fraternity, has as its purpose the promotion of art interest among college students, stimulation of higher scholarship and the recognition of ability in the field of art.

*Literary Activities* at Madison College are under the leadership of the *Criterion Club*, a student group organized for the purpose of inspiring an appreciation of literature in all its aspects. The aim of the club is to provide students with the opportunity to develop literary talents and interests.

*Kappa Delta Pi*, a national honor society, encourages high professional, intellectual, and personal standards among students who are preparing to teach. It endeavors to maintain a high degree of professional fellowship among its members and to quicken professional growth. Distinction in scholarship is required for membership.

*Sigma Alpha Iota* is an internationally incorporated professional fraternity for women in the field of music. Its purposes are to uphold the highest ideals of a musical education, to raise the standard of productive musical work among women college students, to further the development of music in America, and to give inspiration and material aid to its members. Membership is based upon scholarship, musicianship, personality and character, and is open to college music students of undergraduate and graduate level and to music faculty members.

*Sigma Phi Lambda* is a local organization honoring scholarship. Its major purpose is to stimulate students early in their college life to do the best work possible. Membership is limited to women upperclassmen and second semester freshmen with a 3.00 average.

*Pi Omega Pi* is a national honorary fraternity for men and women preparing to teach business education. The chapter endeavors to promote high ideals of scholarship and leadership in business education. Election to membership is based upon scholarship and professional promise.

## Religious Life

Although Madison College, being a State institution, is undenominational, it encourages religious interest among its students.

Harrisonburg is a church-going community. In the city are churches of many faiths: Adventist, Baptist, Church of the Brethren, Church of Christ, Church of the Nazarene, Episcopal, United Church of Christ (Evangelical and Reformed), Evangelical United Brethren, Hebrew, Lutheran, Mennonite, Methodist, Presbyterian, Peoples Baptist, and Roman Catholic. These churches and the young people's organizations connected with them are doing active work, and all students are cordially welcomed in them.

There are a number of active church-related organizations on the campus:

Baptist Student Union  
Canterbury Club (Episcopal)



United Church of Christ Club (Evangelical and Reformed)  
Evangelical United Brethren Youth Fellowship  
Junior Sisterhood (Hebrew)  
Lutheran Student Association  
Nazarene Young People  
Newman Club (Catholic)  
Schwarzenau Club (Church of the Brethren)  
Wesley Foundation (Methodist)  
Westminster Fellowship (Presbyterian)

All students are urged to attend the services of the denomination of their own choice. Several of the larger churches have assistants who devote a great deal of their time to college students.

*The Young Women's Christian Association* furnishes student leadership in campus religious life. It conducts weekly devotional and discussion meetings, sponsors recreational activities, participates in State-wide college Y.W.C.A. Conferences, sponsors a Religious Emphasis Week, and offers an opportunity for special training in the national Y.W.C.A. Training School or regional conferences.

Faculty advisers, selected by the Y.W.C.A. Cabinet, assist the officers and members, give attention to the religious interests of all students, and encourage all agencies which promote the spiritual development of the students.

*The Young Men's Christian Association* has somewhat the same objectives as the Y.W.C.A. It assists the Y.W.C.A. in advancing the cause of Christianity and supports desirable campus projects.

## Physical Life

### STUDENT HEALTH SERVICE

New students and students returning after a semester of absence from the College are required to supply a medical history and a report of a medical examination on forms

provided by Madison College. After two years of attendance at Madison the student is expected to be in satisfactory physical condition for college work and any advised limitations or treatments should be clearly indicated by the family physician.

Report of a medical examination recorded on forms provided by the College is also required for all students entering their third year at Madison.

The College Infirmary is staffed by the College Physician and three registered nurses. Out-patient service, bed care for minor illnesses, and emergency care for all injuries and illnesses are provided.

Guidance and supervision of students' campus health problems in cooperation with the Health Council and the administrative officers of the College are also important features of the health services. The student health service places emphasis upon general medical advice to students and upon the prevention and treatment of incipient and early illness. The chief emphasis of the infirmary is upon the care of students with minor illnesses which do not require hospitalization.

## HEALTH AND PHYSICAL EDUCATION PROGRAM

Madison College provides a balanced health and physical education program. The College not only provides an interesting and active program in its various courses but also encourages student participation in intramural and extramural activities.

Physical education facilities found on the campus include two gymnasias, two hockey fields, tennis courts, swimming pool, softball diamonds, and an archery range.

Students are required to take courses in health and physical education. Modifications of the physical education program must be authorized by the College Physician through the Head of the Department; therefore, such requests with any supporting recommendations from private or family physicians must be submitted to the College Physician for consideration and approval.



## College Regulations

The State of Virginia requires that every student who avails himself of the privileges of an education at Madison College exhibit at all times the qualities of good citizenship as defined and upheld by the best public opinion in our Commonwealth.

The following general statements cover the most important regulations which must be observed:

1. Students are expected to attend classes and all other regular exercises of the College from the first day of the session to the closing day. For details concerning class attendance refer to page 76.

2. Women students are required to live in a college residence hall unless they reside at home or with a near relative, or unless accommodations on the campus are not available.

3. Women students who room in town must live in homes approved by the President of the College on the recommendation of the Dean of Women.

4. Resident students who remain in private homes in Harrisonburg during short vacations will be expected to conduct themselves in keeping with college standards.

5. No resident student of the College may leave her dormitory for the night without the approval of the Dean of Women or the Assistant Dean of Women. For all students except "mature" students permission to leave Harrisonburg must be granted in writing by parents or guardians. (See the *Handbook* for definition and privileges of "mature" students.)

6. Students while under campus regulations are not permitted to use or have in their possession intoxicating liquors of any kind. Conduct while absent from the campus which reflects discredit on the College subjects the person to disciplinary action.

7. The authority to suspend or dismiss students is vested in the Administration of the College. The *Student Government Council* investigates and imposes penalties for violations of

regulations as set forth in the *Handbook*; the *Honor Council* investigates and imposes penalties for violations of the Honor Code including in its jurisdiction all cases involving cheating, lying, or stealing, which are breaches of honor and are not tolerated by the College. Recommendations for suspension or dismissal by the *Student Government Council* or the *Honor Council* are reviewed by the *Faculty Judiciary Committee* which submits its recommendations to the *President*, who may suspend or dismiss students for such violations or for other serious misconduct.

8. The College is not authorized to extend credit to students; nor does the College assume any responsibility for bills incurred in Harrisonburg. Prompt payment of all bills is encouraged.

9. Students may not use in their bedrooms any electrical appliances except radios, hair dryers, and electric sewing machines by a few home economics majors to be approved by the Head of the Home Economics Department.

10. Students in registering must use their proper legal names, and students who are married while in college must immediately register under their married names.

A change of legal name or home address is to be made known promptly to the Registrar, the Dean of Women, the Business Manager, and the Post Office.

Any minor student who marries without the full knowledge and consent of his or her parents may be required to withdraw from the College by the President. Such consent must be submitted in writing by the parents to the Dean of Women or the Dean of Students prior to the marriage. If required to withdraw, the student may not re-enter until the lapse of two full semesters or the equivalent.

A student twenty-one years of age or older must give written notice to the Dean of Women or the Dean of Students of his or her intentions to marry. Failure to do so may result in the student being required to withdraw from the College by the President. If required to withdraw, the student may not re-enter until the lapse of two full semesters or the equivalent. This



regulation also applies during holiday periods of the school session.

11. No solicitation, such as taking orders or selling merchandise to students and employees, or fund raising for any purpose, is permitted in the buildings or on the grounds of Madison College without permission of the President of the College.

12. A resident student who disturbs the sleep or study of other students will forfeit the right to a room in a college residence hall.

13. Good citizenship as well as satisfactory scholastic achievement is required of all students at all times, and students who conduct themselves in such manner as to injure the good name of Madison College may be required by the President to withdraw from the College.

14. Any student who causes the College to receive unfavorable publicity may be required by the President to withdraw from the College or may be subject to other disciplinary action including indefinite suspension.

## PART FIVE

### Academic Information

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There are many general academic rules and regulations which the College observes in order to keep Madison in the basic pattern of colleges all over America. This part of the catalog presents ★

★ ADMISSION OF STUDENTS

★ SELECTION OF COURSES

★ STUDENT LOAD

★ CLASSIFICATION

★ THE GRADING SYSTEM

★ QUALITY RATING SYSTEM

★ UNSATISFACTORY SCHOLARSHIP

★ CLASS ATTENDANCE

★ GRADUATION REQUIREMENTS

★ TEACHERS' CERTIFICATES

★ DEGREES AND DIPLOMAS

★ GRADUATE PROGRAM



## Admission of Students

### APPLICATION

Candidates for admission to Madison College should fill out either the preliminary application blank found in the back of this catalog or a blank obtained from the Office of Admissions. When carefully completed, the form should then be submitted to the Director of Admissions.

An early application is desirable since it will establish priorities for room assignment. An initial application and a \$10.00 application fee are required of *all students—both boarding and day*. This fee is not refundable, will not be transferable to another session, and will not be credited to the student's account. An additional non-refundable payment of \$75.00 by May 1st is required of all *boarding* students to hold the room reservation. This \$75.00 fee is not an additional expense, but is credited to the student's account upon registration.

Upon the receipt of the preliminary application blank and fee, the Director of Admissions will then mail the applicant a regular application blank (Pre-Registration and Guidance) which must be completed and returned.

At the appropriate time, the Admissions Office will request from the student an official transcript of his high school record. Upon the return receipt of the transcript, formal yellow application blank, and a report of the College Entrance Examination Board scores, the Admissions Committee will review all credentials and pass upon qualifications for admission to Madison. The applicant will then be notified of its decision.

### ADMISSION POLICIES

*All applicants for admission must be approved in accordance with policies established by the Committee on Admissions and Student Aid of Madison College.*

The general admission requirements for Madison College are: 1. Be a graduate of a high school or private secondary school accredited by the Department of Education of the State

in which the school is located; 2. Rank in the upper one-half of the high school graduating class; 3. Have average or above average percentile scores on standard tests administered in high school; 4. Submit to the Director of Admissions an acceptable score on the Scholastic Aptitude Test of the College Entrance Examination Board (morning session); 5. Be in good health; 6. Be recommended for admission by the high school principal or his authorized representatives. Preference is given to students who present 5 units in English; 3 units in history and government; 3 units in science; 3 units in mathematics; and 3 units in foreign languages. (This includes eighth grade work.)

Each applicant's record is carefully reviewed for academic promise but in addition, due consideration is given to character, talent, personality, attitudes, interests, earnestness of purpose, and leadership ability.

A personal interview is *strongly recommended* for each applicant. A student should make an appointment in advance with the Director of Admissions to visit the Campus. The College visitations at the high schools also offer an opportunity for compliance with the interview recommendation.

#### *Admission of Transfer Students:*

Students who wish to transfer from other recognized colleges and universities who have completed a term, a semester, or a year or more of work with a good scholastic record and an honorable dismissal from such institutions, may also be considered for admission. It is the student's responsibility to provide the Director of Admissions at Madison College with official transcripts of work completed from *all* colleges attended.

If a student is accepted for entrance, he will receive credit for all courses which are a fair equivalent of courses in the curriculum which he elects. In evaluating work, credit will be allowed only for those courses on which a student has made a grade of "C" or better.



Students who are ineligible to return to the last institution of higher learning which they attended are ineligible for admission to Madison College.

Not more than twenty-five per cent of the work toward any degree may be done through extension. Such work must be relevant to the degree for which the student is enrolled. Students should secure approval from the Madison Registrar in the choice of such courses.

#### *Students Applying for Readmission*

A student who has withdrawn from Madison College for one semester or longer must reapply for entrance through the Office of Admissions. The Committee on Admissions will review his credentials and pass upon his application. This will be done in view of the space available and in conformity with the requirements of the latest catalog. If he has attended another institution, the work there as well as that done at Madison College will be taken into consideration by the Committee.

Any student who withdraws from college while on *Academic Probation* is not eligible for readmission.

*A medical history and a report of a medical examination must be submitted by all applicants on forms provided by the College in order to meet the final admission requirements.* An applicant must be in good health—free from any communicable disease, and physically and emotionally capable of performing the usual duties required by the College program. Any student who withholds pertinent health information may be asked to withdraw from the College.

### COLLEGE BOARD EXAMINATIONS

All freshman applicants are required to take the College Entrance Examination Board (morning session), Scholastic Aptitude Test, and have the results submitted to the Director of Admissions.

The S. A. T. is given in December, January, March, May, and July. Students are encouraged to take the test for practice

during their junior year; however, the seniors should take the test in December or January. Information concerning this testing program may be obtained from high school principals and guidance directors, or from the booklet entitled, *Bulletin of Information, Scholastic Aptitude Test*, which may be obtained free by writing to the College Entrance Examination Board, Box 592, Princeton, New Jersey. The booklet, *A Description of the College Board Scholastic Aptitude Test*, may also be procured by request from the above address.

### MEN STUDENTS

The State Board of Education has authorized Madison College to admit men as day students. They may obtain desirable rooms in private homes nearby the Campus and the College dining halls are open to them. There are approximately 185 men students enrolled at Madison. For further information, prospective men students should write to the Director of Admissions.

### EARLY ACCEPTANCE PLAN

Madison College will give early decisions on acceptance of qualified students who have applied for admission during the second semester of the junior year in high school and early during the senior year and who have successfully completed the May or July Scholastic Aptitude Test of the College Entrance Examination Board. Other later applicants will be processed as rapidly as possible until capacity is reached.

### ADVANCED PLACEMENT EXAMINATIONS

Madison College has made arrangements with the College Entrance Examination Board to participate in the Advanced Standing Program offered by that organization.



Students who have been admitted to Madison College or who are being considered for admission may apply to the College Entrance Examination Board for permission to take one or more of the tests. Madison College should also be informed of the student's intentions. This should be done early in the senior year of high school. It is suggested that interested students discuss this matter with their guidance counselors or principals. The Board reports the results of the examinations to the College. After consideration of the report, the department concerned makes the decision regarding advanced standing and credit. Each department may, at its discretion, require other evidence of ability such as personal interview and/or an additional written examination, administered and graded by the department.

Advanced Standing College Board Examinations are available in eleven subjects: English, French, German, Latin, Spanish, American History, European History, Mathematics, Biology, Chemistry, and Physics.

In addition to the examinations offered by the College Board, Madison College gives an advanced standing examination in Music.

The address of the College Advanced Placement Examination Board is Box 592, Princeton, New Jersey.

## Selection of Courses

As previously indicated the work of guidance is a coordination of various services of the College under the general supervision of the Dean of Students. Each of the curricula (the courses of study) has several faculty advisers.

Prospective students should study carefully the various curricula available at Madison—pages 96-97—and decide by the end of their freshman year which curriculum they want to follow. When it is desirable, a student may be allowed to transfer from one curriculum to another with the approval of Dean of the College. Changes may mean some loss of time

and credit. *The student must assume the final responsibility for meeting the requirements of the curriculum which he elects.*

Each student should select his individual courses carefully, considering the requirements of his chosen or probable curriculum, his previous education, and his interests and aptitudes. To avoid unwise choices, the student should seek the help of his curriculum adviser *before the time for registration.*

After the student has completed his class schedule and has registered, no classes may be dropped, no additions made, and no transfers to other sections made—without the approval of his curriculum chairman and the Dean of the College. In the first semester, such changes as are necessary must be made on the day of registration in September designated for that purpose. After this date has passed, class adjustments may not be made without the approval of the Dean of the College and the payment of a fee of \$5.00. At the beginning of the second semester a period is set aside for necessary adjustments. Class adjustments after this period has passed must be approved by the Dean of the College, and the student will be required to pay a fee of \$5.00. The fee for late adjustments may be waived if circumstances requiring changes are completely beyond the student's control and if the changes are approved by the Dean of the College.

Students may take as electives only those courses which are planned for students not more than one year removed from them in classification:

Courses numbered 1-24 are intended for *freshmen*

Courses numbered 25-49 are intended for *sophomores*

Courses numbered 50-74 are intended for *juniors*

Courses numbered 75-100 are intended for *seniors*

Exceptions are made in Business 41-42 and 43-44 for freshmen in Curriculum V, and XI who may be allowed to take these courses for credit if they have had adequate preparation.

In the description of courses some courses have been described as *year courses*. In these the completion of a year's work is required before credit is given towards a degree. Exceptions include students who present a satisfactory record for fractions



of such courses and are thus allowed to enter the course in the second semester.

The College reserves the right not to organize any class, if there are fewer than five applicants.

The College assumes no responsibility for giving any credit for a course not listed on the student's program card in the Registrar's Office, and approved by his curriculum adviser.

### ACADEMIC STATUS

The Dean of the College serves as executive officer in all matters of academic status. All proposed exceptional programs of study and exceptions to degree requirements must be presented to the Dean for his consideration and action. Exceptional programs of classes and exceptions to degree requirements are not permitted without the approval of the Dean. The Dean of the College also makes the decisions concerning all questions about the evaluation of credits which involve policy.

## Student Load

In all curricula the normal load in the winter session is 16 semester hours of credit. The number of actual class hours will vary according to the number of laboratory courses in the program. Any student, including incoming freshmen, may add to the normal load one of the one-credit courses in applied music without securing special permission, thus making a load of 17 credits.

Students of sophomore, junior, and senior standing (see "Classification") if they have a cumulative rating of "B" or better, may carry a load of 18 or 19 credits without special permission. Seniors who are meeting the minimum quality rating of "C" (2.00) and who need an additional three-credit course for one or more semesters in order to meet graduation requirements may also take a load of 18 or 19 credits.

## Classification

The classification of a student depends on the number of semester hours of credit he has received and on his quality rating.

*Freshmen* are students with fewer than 28 semester hours of credit.

*Sophomores* are students with 28-59 semester hours of credit and a quality rating of 1.75.

*Juniors* are students with 60-92 semester hours of credit and a quality rating of 1.90.

*Seniors* are students with more than 92 semester hours of credit and a quality rating of 2.00.

## The Grading System

The College keeps a complete record of each student's work and sends a statement to the parent or guardian as soon as possible after each semester's work is completed. Work missed by late entrance or absence must be made up.

On grade reports, grades are reported in letters—A, B, C, D, E, F, I, and W.

"A" indicates superior achievement.

"B" indicates independence of work and high grade accuracy of knowledge.

"C" indicates average achievement.

"D" indicates passable achievement in work and is allowed for graduation provided it is balanced by better than average work in other courses.

"E" indicates unsatisfactory work, incurring a condition which may be removed by examination or, in a year course, by making a "C" or better in the following semester. When an "E" is made up by any other procedure than the repetition of



the course, the highest grade obtainable is "D" and for this "D" no quality points are given.

"F" indicates failure which may not be removed except by repetition of the course.

"I" indicates that work is incomplete and is given only when a student is unable to complete the course work because of sickness or some other equally satisfactory reason. If this work is completed during the next semester in residence, the grade will be determined in the usual way; otherwise the grade becomes automatically an "F."

"W" indicates that the student has withdrawn from the course, with the permission of the Dean of the College, and that at the time of withdrawal his grade was "D" or above. If a student drops a course in which his work is below "D" at the time of withdrawal, the grade in that course will be recorded as an "F."

## Quality Rating System

Quality points are assigned per semester hour of credit as follows: A grade of "A" is assigned 4 quality points; "B", 3 quality points; "C", 2 quality points; and "D", 1 quality point. Thus a grade of "B" in a course bearing 3 semester hours of credit would be assigned 9 quality points; and a grade of "C" in that course, 6 quality points. *No quality points will be allowed for an "E" which is removed by an examination or otherwise—except by repetition of the course.*

*The scholarship index* is computed by dividing the number of quality points by the number of semester hours of credit. Thus if a student takes 16 semester hours of work and earns 40 quality points his scholarship index is 2.50. Grades earned at other institutions are not included in this computation.

Students must make a minimum average grade of "C" (scholarship index of 2.00) in courses taken at Madison College, in order to graduate.

To enroll in Ed. 59, Ed. 60, 69 and 70, or other junior courses prerequisite to student teaching, a student must have a scholarship index of 1.90. A scholarship index of 2.00 is required for students who enroll in Ed. 90, Directed Teaching.

## Unsatisfactory Scholarship

If a student's scholarship index remains persistently below the standard of 2.00 he will need to spend more than the normal amount of time in his curriculum. This may be done by attending Summer School.

Students failing to maintain the required scholarship indices will be automatically dropped:

1. *After the first year of residence*, with a scholarship index of less than 1.50.
2. *After two years of residence*, with a scholarship index of less than 1.90.
3. *After three years of residence*, with a scholarship index of less than 2.00.

Transfer students who come to Madison in the sophomore year must have a scholarship index of 1.90 and those who come in the junior year must have a scholarship index of 2.00 in order to be eligible to return the following year.

Mid-semester reports on courses in which a student is doing failing work are sent to each student and to his adviser; and, in the case of freshmen and sophomores, to his parents also. Mid-semester grades are sent to freshmen and to their parents.

## Academic Probation

1. All students with a cumulative average of less than 2.00 are placed on academic probation. This regulation will become effective for each new student at the beginning of the second semester of his first year here. Scholastic averages will



be computed at the end of each semester at which time revised lists of the names of students on academic probation will be distributed to the faculty.

2. All students who are on academic probation (cumulative average of less than 2.00), regardless of the number of years they have been at Madison, will be permitted only those social privileges allowed first semester freshmen.

## Class Attendance

Students are expected to attend all regular exercises of the College from the first day of the session to the last. This includes all scheduled classes and examinations and Wednesday assemblies. A student who is absent from a class more than one-fifth of the time during a semester will not be allowed credit for the course, except for extenuating circumstances which are approved by the Dean of the College.

Absences from classes are not excused. Absences for certain reasons may be certified. Absences due to illness may be certified by the College Physician, those caused by death or serious illness in the immediate family and those due to religious holidays may be certified by the Dean of Women for women students, and by the Dean of Students for men. Students who become ill while at home or elsewhere should obtain a statement verifying the illness from the attending physician and present it to the College Physician for his certification. Certified absences should be brought by students to the attention of the instructors of classes missed by presenting the statements of certification.

The *Student Handbook* presents a full statement regarding class attendance.

### DEAN'S LIST

Students who in the previous semester earned a scholarship index of 3.25 and who carried a course load of at least fourteen semester hours are on the Dean's List.

## Honors Program

A degree *with honors* may be taken in several departments by successfully pursuing a program of independent reading and study for six semester hours credit during the senior year. Applications to work for honors are presently limited to juniors who have achieved at least a 3.25 average and, in addition, have given evidence of sufficient initiative, originality, and intellectual maturity to warrant expectation of distinction in an Honors Program. Applications may be made at the completion of the first semester of the junior year to the Honors Committee, composed of the Dean of the College and the Directors of the four Divisions. Acceptance for Honors work is solely determined by this Committee, which must also approve an individual Honors program for each Honors student and designate a faculty member to direct the study. An Honors thesis is expected as the culmination of the program.

### SCREENING PROGRAM FOR STUDENTS IN TEACHER-PREPARING CURRICULA

A plan for the purpose of counseling and screening students in teacher education curricula has been established at Madison College. The essential elements of the plan are as follows:

- a. The Counseling and Screening Committee consists of six members: the Director of the Division of Teacher Education, the Director of Laboratory School Experiences, the Dean of Students, the Curriculum Chairman of the student concerned, and the Heads of the Departments in which the student is majoring and minoring. Any member of the faculty who knows or works with the student may be called in for consultations by the Committee or the student concerned. The Committee will report all screening activities to the Dean of the College who has final authority to act on each case.
- b. The basic criteria used in advising students in the teacher-preparing curricula are the following: (a) possession of a broad background of general education; (b) adequate preparation in the major and minor fields (at least an



average of 2.0<sup>1</sup> in the subject field); (c) adequate preparation in the professional field (at least a 2.0 average in the professional field); (d) good health and freedom from physical handicaps detrimental to teaching effectiveness; (e) good mental and emotional health; (f) freedom from speech and hearing handicaps; (g) effective command of the English language, both oral and written.

- c. All students in the teacher-preparing curricula will submit a simple application form requesting permission to continue in the teaching curricula by October 1 of their third semester in residence. This form should include the following information: (a) the student's name; (b) the student's curriculum; (c) a paragraph on the following topic: "Why I Want to Be A Teacher"; and (d) other pertinent information.
- d. At the end of the student's third semester of residence the Committee will screen all applicants who have a quality point rating of 1.75 and above, using as many of the criteria as possible listed in *b* above, and initiate guidance with those individuals who seem unsuitable for the teaching profession. The Committee will point out to such individuals before they register in the spring for their junior year those deficiencies which should be removed in order to continue in the teaching curricula. Close follow-up of such student will be made in order to help the student overcome his handicaps.
- e. Students who transfer to Madison with 60 semester hours of work should submit their application described in item *c* at the beginning of their second semester of residence at Madison College.
- f. The Counseling and Screening Committee will review the records of all students in the teaching curricula at least twice a year beginning with the sophomore year. The function of the Committee is advisory in nature,

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<sup>1</sup>The quality point system used at Madison is: A=4; B=3; C=2; D=1.

certainly up to the point of student teaching. If a student persists in a teaching curriculum against the advice of the Committee and the Dean of the College, he must assume full responsibility for his decision. However, if the Committee finds that the student has personality characteristics unsuitable for a member of the teaching profession, then the President upon recommendation of the Committee, may require his or her transfer to a non-teaching curriculum or withdrawal from the College.

- g. Near the mid-point of the student teaching experience the Committee will carefully review the records of students referred to it by the Student Teaching Office. At this point the Committee may consult with the student's supervising teacher and others in close contact with his work. The Committee will advise the student teacher as follows: (a) to continue student teaching as planned, or (b) to be reassigned with a possibility that more than the original time may be required, or (c) to withdraw from student teaching for the period and seek admission to student teaching at a later period, or (d) to withdraw from student teaching and seek another vocation.

The student teacher will be an active participant in the evaluation made at this point in his student teaching but the final decision for retention will be made by the Counseling and Screening Committee, subject to review by the Dean of the College.

- h. In order to be recommended for certification the grade on student teaching must be a "C" or better.
- i. The Director of the Division of Teacher Education and the Director of Laboratory School Experiences will sign a statement for purposes of recommendation as follows:

"This is to certify that the applicant has good moral character, personality suitable for teaching, and has demonstrated competence in the required laboratory experiences in student teaching."



## Graduation Requirements

To receive a degree from Madison College, a student must—

1. Have a good citizenship record during the period of attendance at Madison College both on and off campus;
2. Have a minimum of 128 credit hours;
3. Have a scholarship index of 2.00 or better in those courses taken at Madison College;
4. Make an average of "C" or better in those courses constituting his major field of interest. Grades on all courses taken by a student in his major field will be used in computing this average;
5. Meet the requirements of the curriculum in which he is registered (see pages 96-128);
6. Complete successfully an examination in English which is given in the first semester of the junior year;
7. Have spent a minimum of one year, or two semesters, in residence at Madison College, and have earned a minimum of thirty-two semester hours of credit during one year in residence;
8. Be a student at Madison College during the semester in which the requirements for the degrees are completed;
9. A student who withdraws from the College prior to graduation and re-enters at a later time must meet the requirements set forth in the catalog of the year of his re-entrance.

A student expecting to graduate at the end of any semester must file a *written application with the Registrar at the beginning of that semester.*

Responsibility for meeting the requirements for graduation rests with the student.

## Teachers' Certificates

Students who receive a grade below "C" on student teaching will not be eligible for a teaching certificate. Students expecting to graduate in the teaching curricula should consult with the Registrar during the last semester in residence regarding the procedure in applying for a Virginia teaching certificate. They should consult the State Board of Education Bulletin, "Certification Regulations for Teachers." A teacher's certificate may be extended or renewed by the State Department of Education, subject to the requirements of the State Board of Education. Students who contemplate the renewal, extension, or reinstatement of certificates should write for instructions to the Director, Division of Teacher Education in the State Department of Education at Richmond or to the Registrar of Madison College.

## Degrees

*Bachelor of Arts:* granted upon completion of Curriculum II, as outlined on pages 106-107. The holder of this degree is also entitled to the Collegiate Professional Certificate upon completion of the professional education courses required by the State Board of Education.

*Bachelor of Science:* granted upon the completion of Curricula I, III, IV, or V, as outlined on pages 98-105. The holder of this degree is also entitled to the Collegiate Professional Certificate upon completion of the professional education courses required by the State Board of Education.

*Bachelor of Music Education:* granted upon the completion of Curriculum VI, as outlined on pages 108-109. The holder of this degree is also entitled to the Collegiate Professional Certificate upon completion of the professional education courses required by the State Board of Education.

*Bachelor of Arts:* granted upon the completion of Curriculum VII, as outlined on pages 124-125. Students who want to



specialize in languages and who do not want to teach may take this degree with profit.

*Bachelor of Science:* granted upon the completion of Curriculum VIII, as outlined on pages 110-115. Students who want to specialize in science and who do not want to teach may take this degree with profit. Curriculum VIII will give pre-professional preparation to students who later study nursing, medical technology, medicine, or dentistry. This degree is also granted upon the completion of Curricula IX, X, and XI, as outlined on pages 116-123.

*Bachelor of Music:* granted upon the completion of Curriculum XII, as outlined on pages 126-127. Students who want to specialize in music for performance may take this degree with profit.

## The Graduate Program

### AUTHORIZATION

Madison College was authorized by the State Board of Education at its meeting in March, 1954, to offer the degrees of Master of Arts in Education and Master of Science in Education. On October 31, 1960, the State Board of Education authorized the College to offer the Master of Science degree.

### ADMINISTRATION

The Graduate Council of the College has the responsibility of formulating all policies and legislation affecting graduate curricula and work leading to graduate degrees. The Council has full power to make all necessary rules and regulations and to approve candidates for degrees, subject to conformity with policies of the State Board of Education.

The Dean of the College is chairman and the executive officer of the Graduate Council.

### ADMISSION TO GRADUATE STUDY

The applicant must possess a bachelor's degree from a college regarded as standard by Madison College and by a recog-

nized regional or national accrediting agency. Application forms for admission may be obtained from the Dean of the College, who serves as chairman of the Graduate Council. These forms should be completed and returned to the Dean before the opening of the term in which the applicant desires to enroll. Each applicant must also submit a transcript of his undergraduate record and of any graduate work completed. The applicant's record must be approved by the Graduate Council before he is admitted to candidacy for a graduate degree. If the undergraduate record shows a deficiency in the proposed major or minor fields of study, the applicant must make up the deficiency by taking such additional courses as may be required by the Graduate Council in consultation with the department head concerned. Such courses, if required, do not count for graduate credit. Admission to graduate study does not imply admission to candidacy for a degree.

### STUDENT ADVISORY COMMITTEES

The Graduate Council in cooperation with the student and departments concerned shall name a special Advisory Committee of two faculty members for each student working toward a degree. For the Master of Arts in Education and the Master of Science in Education degrees, one member of this Committee will be selected from the faculty of the student's major department, and the other one from the department in which the student is minoring. The faculty member from the major department shall serve as chairman of the Advisory Committee. The Dean of the College is an *ex officio* member of all Advisory Committees.

For the Master of Science degree, the head of the department in which the student is majoring shall serve as chairman of the Advisory Committee. A second member of the major department will complete the committee. The major professor under whom the thesis is being completed must be a member of the committee.

A Graduate Advisory Committee will not be appointed until the student has been admitted to candidacy for a degree.



### ADMISSION TO CANDIDACY FOR A DEGREE

In order to insure that the graduate degree represents a high quality of work, candidates for the degree will be selected carefully. The applicant shall not be admitted to candidacy for a degree until he has demonstrated sufficient aptitude for graduate work in courses taken at Madison.

In order to become eligible for admission to candidacy for a Master's degree the graduate student must:

1. Complete nine semester hours of credit in graduate courses taken at Madison College. Of these credit hours at least three must be in the major field and three in the minor field.
2. Submit a score on the Aptitude section of the Graduate Record Examination.
3. Notify the Dean of the desire to be considered for admission to candidacy.

When the student has completed the foregoing requirements the Graduate Council will act upon the applicant's request for admission to candidacy.

After being notified of admission to candidacy the student should make an appointment with the Dean to discuss the membership of his Graduate Advisory Committee.

### REQUIREMENTS FOR THE MASTER OF ARTS IN EDUCATION AND THE MASTER OF SCIENCE IN EDUCATION DEGREES

*Academic Requirements.* The candidate must complete (a) twenty-four semester hours of graduate work and submit a thesis, or (b) thirty semester hours of graduate work without a thesis, for the degree of Master of Arts in Education or the degree of Master of Science in Education, depending upon the concentration. A candidate who is a graduate of a liberal arts program holding the Collegiate Certificate must earn six additional hours of graduate credit in an approved teaching internship in the public schools under supervision. The degree of Master of Arts in Education will be used for those graduate

students whose major or minors are in the Humanities' fields and the social science fields, and the degree of Master of Science in Education will be used for those graduate students who are carrying majors or minors in mathematics, science, and certain special subject fields.

A student who is majoring in education may apply for either the Master of Arts in Education or the Master of Science in Education degree. It is understood that independent research will be required in all programs. The candidate must earn a grade of "B" or better in each course. At least forty per cent of the courses included in the student's program shall be those designated as exclusively for graduate students. No graduate credit will be granted for work done in any course to which undergraduates are admitted unless the student is enrolled in that course as a graduate student.

At least eighteen semester hours of the student's work (or twelve semester hours and a thesis) shall be in the major field of concentration (one field or related fields) with at least twelve semester hours in a minor field. Students who major in professional education and whose interests are in secondary education must earn for a minor at least twelve semester hours credit in a subject-matter field. Students who are majoring in professional education and whose special interests are in elementary education must complete for a minor twelve semester hours credit in one subject-matter field or six semester hours in each of two related subject-matter fields with the approval of the Graduate Council. Either the major or the minor must be in the field of education. At least six semester hours of the minor must be obtained by taking courses at Madison College.

If the applicant does not hold the Collegiate Professional Certificate or its equivalent he must obtain such a certificate before the degree is conferred unless excused by the Graduate Council.

*Residence Requirements.* A student must be in residence at Madison at least two summer terms of six weeks each in which a full load is carried in order to meet the minimum residence requirements for the Master's degree. Evening courses held on the campus will be counted in meeting residence requirements



but residence requirements cannot be met by taking only evening classes. The equivalent of at least one academic year of residence is required at Madison with the exception that one summer session of graduate study at another Virginia institution may be accepted toward the residence requirement.<sup>1</sup>

*Examination Requirements.* If the student does not write a thesis the final comprehensive examination will be written. If the student does write a thesis the final comprehensive will be oral.

The final comprehensive examination must be taken during the last semester or summer session in residence on a date designated by the Graduate Council. The last course work of the student must be completed in residence at Madison College.

Courses which are being taken by a student during the term in which he takes the comprehensive examination will not be included in preparing questions for the examination. In other words, the student will be examined only on those courses taken prior to the term in which the comprehensive examination is administered.

A candidate who fails on the comprehensive examination may be permitted a re-examination at the discretion of the student's major department and the Graduate Council. A re-examination cannot be given sooner than the semester following the unsuccessful examination.

*Thesis Requirements.* A thesis in the major field of interest and completed to the satisfaction of the Student's Advisory Committee and the Graduate Council may be submitted in partial fulfillment of the requirements for the Master's degree. Students who elect to write a thesis are required to complete 24 semester hours in course work. An abstract of the thesis of not more than six hundred words is required.

Students who elect additional course work in lieu of a thesis must earn a total of thirty semester hours in graduate courses.

The Student's Advisory Committee must recommend the thesis subject and outline to the Graduate Council for approval

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<sup>1</sup>Subject to approval of Southern Association of Colleges and Secondary Schools.

at least three months prior to the time the degree is expected to be awarded.

The thesis shall consist of a written interpretation of a body of facts and opinions gained through critical reading and independent research. There must be an adequate analysis of the assembled data. The thesis must be prepared according to the general requirements established by the Graduate Council and must be completed one month before the time of graduation to assure the Advisory Committee of its acceptability. Three unbound copies of the thesis must be filed with the Chairman of the Graduate Council not later than two weeks before the date of graduation.

#### REQUIREMENTS FOR THE MASTER OF SCIENCE DEGREE

*Academic Requirements.* This degree is available only to students majoring in one of the sciences or mathematics. At the present time biology is the only area in which a student may major in working for this degree. The candidate must complete twenty-four semester hours of graduate work *and submit a thesis*. A minimum of eighteen semester hours must be completed in the major field. The courses constituting the remaining six semester hours in graduate work will be determined by the student's Graduate Advisory Committee in consultation with the student concerned. No graduate credit will be given for a grade below "B". At least forty per cent of the courses included in the student's program shall be those designated as exclusively for graduate students. No graduate credit will be granted for work done in any course to which undergraduates are admitted unless the student is enrolled in that course as a graduate student. If the applicant does not hold the Collegiate Professional Certificate, or its equivalent, he must obtain such a certificate before the degree is conferred unless excused by the Graduate Council.

#### CREDITS BY TRANSFER

Six hours of graduate work from an accredited college or university may be applied to the requirements for the degree



upon approval of the head of the major department and the Dean of the College. At least six semester hours of the minor must be in graduate courses taken at Madison College. Approval to take graduate courses at other institutions must be obtained prior to enrolling in the courses.

No transfer credit will be allowed for courses taken on the graduate level if previously used as credit towards another degree.

### SCHOLARSHIP REQUIREMENTS

The grades given in graduate courses are A, B+, B, C, and F. Graduate students must receive a mark of "B" or better in a course if it is to count in meeting requirements for a Master's degree.

After being admitted to candidacy for a degree a student is automatically placed on probation as soon as he receives a grade below "C" in any course or a grade of "C" in as many as two courses. The courses need not be taken simultaneously. Probation is a warning that achievement is not satisfactory. A student on probation will not be permitted to continue his graduate work if he earns a grade of "C" or below in any subsequent course.

Petition for special consideration may be filed with the Chairman of the Graduate Council if the student feels that circumstances outside his control prevented him from doing work of higher quality. All such petitions will be acted upon by the Graduate Council.

### TIME LIMIT

A graduate student is expected to complete all requirements for the degree within six years from the time he begins his graduate study. The Graduate Council may, however, permit an extension of time because of extenuating circumstances.

### PROGRAMS OF STUDY

Madison College offers three programs of study leading to the Master of Arts in Education and Master of Science in Education degrees. These programs are:

1. For Teachers in the Elementary School.

2. For Teachers in the Secondary School.
3. For College Graduates who have not completed the necessary courses in professional education and who wish to meet certification requirements.

It is strongly recommended that students who enroll in the program for secondary school teachers major in a subject-matter field. Those who enroll in the program for elementary school teachers may also major in a subject-matter field if the backgrounds and needs of the students concerned indicate that such should be done.

Students may major in biology, business education, English, mathematics, music, physical and health education, and social science as well as in professional education. In addition to the aforementioned areas students may minor in art, home economics and physical science.

Madison also offers a program for teachers of biology which leads to the Master of Science degree.

For details concerning the aforementioned programs and requirements for majors see Graduate Bulletin.

### MAJOR AND MINOR FIELDS

As the graduate program of the College develops students will have the opportunity to minor in most of the following fields and to major in many of them: art, biology, business education, chemistry, education and psychology, English, geography, history, home economics, mathematics, music, physical and health education, physics, social science and sociology.

### OFFERING

The course offering for the Summer of 1963 is included in the 1963 Summer Session catalog.

### THE COOPERATIVE PROGRAM OF GRADUATE EDUCATION

Madison College continues to be a participating institution in the cooperative program of Graduate Education which was started by the University of Virginia. Information concerning the transfer of graduate credit from one Virginia institution to another may be obtained by writing the Dean of the College.



## PART SIX

### The Program of Studies

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The next few pages present the courses of study, or *curricula*, which are available to Madison students. Here the student will find information on ★

★ BASIC STUDIES

★ CURRICULA OFFERED

★ THE CURRICULA

★ MAJORS AND MINORS

★ STUDENT TEACHING

## The Program of Basic Education

In basic education, as conceived at Madison College, the student explores major areas of human knowledge and experience. He seeks the basis for richer personal living, for intelligent decisions, and for effective action in the contemporary world. From this study he receives impetus and direction toward citizenship in a democracy.

The program of basic education is designed to develop in students those skills, knowledges, and attitudes which will equip them for effective personal and group living and responsible citizenship. Students concentrate on man's physical and biological environment, man's media of communication, the social sciences, physical health, and past and present cultures as expressed in music, art, and literature.

In order that students at Madison College may experience the benefits to be derived from basic education, all four-year students will complete 52 semester hours, unless reduced by exemption examinations.

1. The Humanities, 20 semester hours.
2. The Natural Sciences, \*20 semester hours.
3. The Social Sciences, 12 semester hours.

### COURSES FROM THE REQUIRED AREAS OF BASIC EDUCATION

Students who believe that they have competent knowledge in any one of these courses may apply to the department of instruction in which the course is given for an exemption test. Upon successful completion of this test a student may choose another course of equal credit as a substitute.

#### The Humanities (20)

Art 30. Art in General Culture, p. 132.

English 1-2. Reading and Composition, p. 136.

English 33-34. Introduction to Literature, p. 136.

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\*With the exception of Bachelor of Music, Curriculum XII. Students in this curriculum are excused from the mathematics requirement.



- Music 30. Music in General Culture, p. 153.  
 Speech 29. Voice and Diction, p. 141.

### The Natural Sciences (20)

Biology 10. General Biology, pp. 164-165.  
*and four hours from any one of the following:*

- Physical Science 10. General Physical Science, p. 163.  
 Chemistry 1-2. General Chemistry, p. 169.  
 Chemistry 9. Chemistry in the Modern World, p. 169.  
 Geology 1-2. Geology, pp. 171-172.  
 Geology 9. Geology in the Modern World, p. 172.  
 Physics 1-2. General Physics, pp. 187-188.  
 Physics 9. Physics in the Modern World, p. 188.

Mathematics 7-8, Fundamentals of Mathematics, p. 173.  
*or*

Mathematics 17-18, Introduction to College Mathematics,  
 p. 173.

Physical Education 9-11, Elementary Dance, Elementary  
 Swimming, pp. 181.

Physical Education. An intermediate sport and an elective.

Health 40. Personal and Community Health, p. 186.

### The Social Sciences (12)

All students are required to take Social Science 33-34,  
 United States History. (6 hours).

The six remaining hours may be completed by the following  
 three "Ideas and Issues" Courses: (6 hours).

- Social Science 57. Totalitarianism vs. Democracy.  
 Social Science 58. Communism vs. Capitalism.  
 Social Science 59. World Population.

*or*

the student may select from two of the following groups  
 of courses:

*Group One. Economics. (3 hours).*

Social Science 29. Introduction to Economics.

*Group Two. Geography.* (3 hours).

Social Science 20. Physical Geography.

*Group Three. Government.* (3 hours).

Social Science 25. United States Government.

*Group Four. History.* (3 hours).

Social Science 55. History of Civilization.

*Group Five. Sociology.* (3 hours).

Social Science 39. Principles of Sociology, *or*

Social Science 67. Cultural Anthropology.

## Majors and Minors in Curricula II, III, VII, and VIII

In the four-year Curricula II, III, VII, and VIII, a major plan has been adopted to give assurance of a fair degree of concentration of the student's work. The student will choose one major. A student may select a minor but one is not required.

Curriculum advisers are assigned to all of these curricula to assist in the selection of suitable combinations of courses and electives, and will work with the student in cooperation with the heads of the departments of major and minor choices. The department head of the major subject will advise in the selection of a suitable minor and related subjects.

### MAJORS

#### *Curriculum II*

##### *B.A.*

Art	Mathematics
Biology	Physics
Chemistry	Psychology
English	Science
French	Social Science
Latin	and History
Library Science	Spanish



*Curriculum III**B.S.*

Art	Mathematics
Biology	Physical Education
Chemistry	Physics
English	Psychology
French	Science
Health	Social Science
Latin	and History
Library Science	Spanish

*Curriculum VII**B.A. in Liberal Arts*

Art	Music
Biology	Physics
Chemistry	Psychology
English	Science
French	Social Science
Latin	and History
Mathematics	Spanish

*Curriculum VIII**B.S. in Liberal Arts*

Art	Music
Biology	Physics
Chemistry	Psychology
English	Science
French	Social Science
Health	and History
Latin	Spanish
Mathematics	

## MINORS

Minors are not required but are available in these areas:

*Curriculum II*

Art	Mathematics
Biology	Physical Education
Chemistry	Physics
Economics	Political Science
English	Psychology
French	General Science
Geography	Sociology
History	Spanish
Latin	Speech
Library Science	

*Curriculum III*

Art	Mathematics
Biology	Physical Education
Chemistry	Physics
Economics	Political Science
English	Psychology
French	General Science
Geography	Sociology
History	Spanish
Latin	Speech
Library Science	

*Curriculum VII*

Art	Music
Biology	Philosophy
Chemistry	Physical Education
Economics	Physics
English	Political Science
French	Psychology
Geography	General Science
History	Sociology
Latin	Spanish
Mathematics	Speech



*Curriculum VIII*

Art	Music
Biology	Philosophy
Chemistry	Physical Education
Economics	Physics
English	Political Science
French	Psychology
Geography	General Science
History	Sociology
Latin	Spanish
Mathematics	Speech

**Curricula Offered**

Madison prepares teachers for kindergarten, primary, grammar grade, junior high school, general high school subject fields, home economics, art, music, physical education, school librarianship, and business education. Our graduates are now successfully teaching at all levels of the public school system and are holding positions as principals, teachers, librarians, and supervisors.

The College also recognizes a duty to prepare women for occupations adapted to women: dietitians, nutrition workers, commercial and home demonstration agents, secretaries, stenographers, nurses (pre-nursing), and homemakers.

In addition, Madison offers the B.A. and B.S. degrees in liberal arts which enable students who are not interested in teaching to get academic training equivalent to that offered in liberal arts colleges. Also students may receive pre-professional education for librarianship, medicine, law, psychology, welfare work, medical technology, and other professions.

Madison College offers the following courses of study:

### TEACHER EDUCATION PROGRAMS

Curriculum I, III, IV, or V	B.S.	(Pages 98-105)
Curriculum II	B.A.	(Pages 106-107)
Curriculum VI	B.M. Ed. Music Education	(Pages 108-109)

### LIBERAL ARTS PROGRAMS

Curriculum VII	B.A.	Liberal Arts (Pages 124-125)
Curriculum VIII	B.S.	Liberal Arts (Pages 110-112)

### MEDICAL TECHNOLOGY

Curriculum VIIIA	B.S.	Medical Technology (Pages 113-115)
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### INSTITUTION MANAGEMENT AND GENERAL HOME ECONOMICS

Curriculum IX	B.S.	Institution Management (Pages 116-117)
Curriculum X	B.S.	General Home Economics (Pages 118-119)

### BUSINESS

Curriculum XI	B.S.	Business (Pages 120-123)
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### MUSIC

Curriculum XII	B.M.	Music (Pages 126-127)
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# Bachelor of Science

## CURRICULUM I

### ELEMENTARY EDUCATION

This curriculum is based upon the conviction that a good elementary teacher must not only understand child growth and the nature of learning but must also be given adequate experience in guiding the learning experiences of children. Because such a teacher also needs a broad background of general or liberal education for his personal satisfaction, this curriculum also provides a wide range of required courses and electives.

A selected concentration of 24 semester hours should include 12 hours or 4 semesters of work beyond the required courses in that area or department. However, in those areas in which there is no required work a concentration may be made up of 18 semester hours. Any student who decides to convert a concentration into a major or minor may do so by proper choices of courses.

### FRESHMAN YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Art 30. Art in General Culture.....	3	0
Eng. 1-2. Reading and Composition.....	3	3
Math. 7-8. Fundamentals of Mathematics.....	3	3
Music 30. Music in General Culture.....	0	3
P. E.....	1	1
Science: Biological (See page 92).....	0	4
Physical (See page 92).....	4	0
S. S. 33-34. United States History.....	3	3
	<hr/> 17	<hr/> 17

## SOPHOMORE YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Eng. 33-34. Introduction to Literature.....	3	3
Hth. 40. Personal and Community Health.....	0	2
L. S. 49. Library Resources for Children.....	0	3
P. E.....	1	1
Psy. 33-34. Human Growth and Development.....	3	3
S. S. elective.....	3	3
S. S. 20. Physical Geography.....	3	0
Speech 29. Voice and Diction.....	2	0
Electives.....	—	—
	16	16

## JUNIOR YEAR

Art 59. Art Activities in the Elementary School.....	3	0
Ed. 59. Teaching of Reading and Language.....	0	3
Ed. 60. Foundations of Curriculum Development.....	3	0
Ed. 69. Methods and Materials in Teaching in the Elementary Grades.....	0	3
Music Ed. 67. Music for Children.....	0	3
P. E. 50. Physical Education in the Elementary School...	0	2
Sci. 50. Science in the Elementary School.....	4	0
English elective.....	0	3
Electives.....	—	—
	16	16

## SENIOR YEAR

Ed. 80. History and Philosophy of Educational Thought..	3	0
Ed. 90. Directed Teaching.....	0	6
Electives.....	—	—
	16	16

Required, 97

Electives, including  
concentration, 31

Total, 128



## CURRICULUM III

## SECONDARY EDUCATION

This curriculum is for the preparation of high school teachers. Emphasis may be placed upon science, mathematics, English and social science, or upon physical education, library science, art, or foreign languages. There are courses in psychology and education that lead to certification for teaching. The choices of a major subject will be made from the list on pages 93-94.

Completion of the requirements for this curriculum leads to the Bachelor of Science degree and the Collegiate Professional Certificate, enabling the holder to teach the subjects emphasized.

Students are responsible for meeting specific departmental requirements in their major fields—these will be found in the appropriate section of the catalog.

## FRESHMAN YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Art 30. Art in General Culture.....	3	0
Eng. 1-2. Reading and Composition.....	3	3
Math. 7-8. Fundamentals of Mathematics		
<i>or</i>		
Math. 17-18. Introduction to College Mathematics.....	3	3
Music 30. Music in General Culture.....	0	3
P. E.....	1	1
Science: Biological (See page 92).....	4	0
Physical (See page 92).....	0	4
Electives.....	—	—
	16	16

## SOPHOMORE YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Eng. 33-34. Introduction to Literature.....	3	3
P. E.....	1	1
Psy. 33-34. Human Growth and Development.....	3	3
Second Science to total twelve semester hours of science..	4	0
S. S. 33-34. United States History.....	3	3
Speech 29. Voice and Diction.....	0	2
Electives.....	—	—
	16	16

## JUNIOR YEAR

Ed. 60. Foundations of Curriculum Development.....	3	0
Ed. 70. Methods and Materials in Teaching in the Secondary School.....	0	3
Hth. 40. Personal and Community Health.....	0	2
Second Social Science to total twelve semester hours of Social Science (See pages 92-93).....	3	3
Electives.....	—	—
	16	16

## SENIOR YEAR

Ed. 80. History and Philosophy of Educational Thought..	0	3
Ed. 90. Directed Teaching.....	6	0
Electives.....	—	—
	16	16

Required, 77

Major or  
Electives, 51

Total, 128



## CURRICULUM IV

## HOME ECONOMICS EDUCATION

Graduates of this curriculum are certified to teach vocational home economics in high school. The requirements of the Vocational Division of the United States Office of Education and the standards set up by the State Department of Education are fully met. Although this is a specialized curriculum, it is liberal in its content and scope.

Teaching is the largest field of employment for specialists in home economics. However, students wishing to major in both teaching (Curriculum IV) and institution management (Curriculum IX) may arrange to do so by electing work in the two fields and spending one summer session in residence.

In the senior year the half semester block plan is used. One block consists of H. E. Ed. 90, Directed Teaching. The second block consists of H. E. 99, Home Management Residence.

## FRESHMAN YEAR

	<i>Credits per Semester:</i>		<i>1st</i>	<i>2nd</i>
Eng. 1-2. Reading and Composition.....	3		3	
H. E. 10. The Contemporary Family.....	3		0	
H. E. 19. Elementary Nutrition.....	0		3	
Math. 7-8. Fundamentals of Mathematics				
<i>or</i>				
Math. 17-18. Introduction to College Mathematics.....	3		3	
P. E.....	1		1	
Science: Biological (See page 92).....	4		0	
Physical (See page 92) (Chem. 9 recommended).	0		4	
Speech 29. Voice and Diction.....	2	or	2	
Electives.....	—		—	
			16	16

## SOPHOMORE YEAR

	<i>Credits per Semester:</i>	<i>1st</i>	<i>2nd</i>
Art. 30. Art in General Culture.....	3	0	
Art 39. Interior Design.....	0	3	
Eng. 33-34. Introduction to Literature.....	3	3	
H. E. 20. Foods.....	0	3	
H. E. 39-40. Textiles; Clothing Construction.....	3	3	
P. E.....	1	1	
Phys. 40. Household Physics.....	3	0	
Psy. 33-34. Human Growth and Development.....	3	3	
Electives.....	—	—	
		<hr/>	<hr/>
		16	16

## JUNIOR YEAR

Ed. 60. Foundations of Curriculum Development.....	0	3	
Hth. 40. Personal and Community Health.....	0	2	
H. E. 46. Housing and Equipment.....	0	3	
H. E. 50. Health of the Family.....	3	0	
H. E. 59. Clothing for the Family.....	0	3	
H. E. 60. Advanced Nutrition.....	3	0	
H. E. Ed. 68. Home Economics Education.....	3	0	
Music 30. Music in General Culture.....	3	0	
S. S. 29. Introduction to Economics.....	3	0	
S. S. 33-34. United States History.....	3	3	
S. S. 39. Principles of Sociology.....	0	3	
Electives.....	—	—	
		<hr/>	<hr/>
		18	17

## SENIOR YEAR

Ed. 80. History and Philosophy of Educational Thought..	3	0	
H. E. 69. Consumer Economics.....	3	0	
H. E. 30. Social and Family Relationships.....	3	0	
H. E. 89. Child Development.....	3	0	
H. E. 99. Home Management Residence.....	0	4	
H. E. Ed. 79. Vocational Home Economics.....	3	0	
H. E. Ed. 90C. Directed Teaching.....	0	8	
Electives.....	—	—	
		<hr/>	<hr/>
		16	16

Required, 124

Electives, 4

Total, 128



## CURRICULUM V

## BUSINESS TEACHER EDUCATION

Curriculum V is designed to prepare teachers of business education for the secondary schools. In addition, it provides training in the non-teaching areas of secretarial science, general clerical and office occupations.

Upon completion of Curriculum V the student receives a B.S. degree in Education and the Collegiate Professional Certificate. The graduate is qualified to meet the four areas of State certification: Stenography, Bookkeeping, Office Organization and Practice, and Basic Business.

## FRESHMAN YEAR

	<i>Credits per Semester:</i>	
	1st	2nd
Art. 30. Art in General Culture.....	0	3
Bus. 10. Introduction to Business.....	2	0
Bus. 20. Business Mathematics.....	0	3
Bus. 21-22. Elementary Shorthand.....	3	3
Bus. 29. Office Efficiency.....	2	0
Eng. 1-2. Reading and Composition.....	3	3
P. E.....	1	1
S. S. 33-34. United States History.....	3	3
Electives <sup>1</sup> .....	—	—
	16	16

<sup>1</sup>Students who have not completed the equivalent of Bus. 25-26, Elementary Typewriting, must take it as a prerequisite to Bus. 41-42.

## SOPHOMORE YEAR

	<i>Credits per Semester:</i>	<i>1st</i>	<i>2nd</i>
Bus. 41-42. Advanced Typewriting.....	2	2	
Bus. 43-44. Advanced Shorthand.....	3	3	
Bus. 45-46. Elementary Accounting.....	3	3	
P. E.....	1	1	
Psy. 33-34. Human Growth and Development.....	3	3	
Science: Biological (See page 92).....	4	0	
Physical (See page 92).....	0	4	
Electives.....	—	—	
		<hr/> 16	<hr/> 16

## JUNIOR YEAR

Bus. 60. Office Machines.....	2	0	
Bus. 65-66. Intermediate Accounting.....	3	3	
Bus. Ed. 70. Methods and Materials in Teaching Basic Business.....	0	3	
Ed. 60. Foundations of Curriculum Development.....	3	0	
Eng. 33-34. Introduction to Literature.....	3	3	
Math. 7-8. Fundamentals of Mathematics			
or			
Math. 17-18. Introduction to College Mathematics.....	3	3	
S.S. 29-49. Introduction to Economics; Economic Problems.....	3	3	
Speech 29. Voice and Diction.....	0	2	
Electives.....	—	—	
		<hr/> 17	<hr/> 17

## SENIOR YEAR

Bus. 59. Business Correspondence.....	0	3	
Bus. 87, 88, 96. Marketing; Salesmanship; Money and Banking (2 of the 3 courses).....	3	3	
Bus. 95. Business Law.....	0	3	
Bus. Ed. 80. Methods and Materials in Teaching Skill Subjects.....	3	0	
Ed. 80. History and Philosophy of Educational Thought....	3	0	
Ed. 90. Directed Teaching.....	6	0	
Hth. 40. Personal and Community Health.....	0	2	
Mus. 30. Music in General Culture.....	0	3	
Electives.....	—	—	
		<hr/> 16	<hr/> 16

Required, 125

Electives, 3

Total, 128



## Bachelor of Arts

### CURRICULUM II

#### SECONDARY EDUCATION

This is a four-year curriculum for the preparation of high school teachers. Emphasis may be placed upon English, social sciences, and foreign languages, or upon art, library science, mathematics, and science. There are courses in the professional subjects of education, which lead to certification for teaching. The choice of a major subject will be made from a list on pages 93-94.

Upon completion of the work listed below, the student will receive the degree of Bachelor of Arts and the Collegiate Professional Certificate, enabling the holder to teach the subjects emphasized.

Students are responsible for meeting specific departmental requirements in their major fields—these will be found in the appropriate section of the catalog.

#### FRESHMAN YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Art 30. Art in General Culture.....	0	3
Eng. 1-2. Reading and Composition.....	3	3
Foreign Language.....	3	3
Math. 7-8. Fundamentals of Mathematics		
<i>or</i>		
Math. 17-18. Introduction to College Mathematics.....	3	3
Music 30. Music in General Culture.....	3	0
P. E.....	1	1
S. S. 33-34. United States History.....	3	3
Electives.....	—	—
	16	16

## SOPHOMORE YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Eng. 33-34. Introduction to Literature.....	3	3
Foreign Language.....	3	3
P. E.....	1	1
Psy. 33-34. Human Growth and Development.....	3	3
Science: Biological (See page 92).....	4	0
Physical (See page 92).....	0	4
Electives.....	—	—
	<hr/> 16	<hr/> 16

## JUNIOR YEAR

Ed. 60. Foundations of Curriculum Development.....	3	0
Ed. 70. Methods and Materials in Teaching in the Secondary School.....	0	3
Hth. 40. Personal and Community Health.....	2	0
Second Social Science to total twelve semester hours of Social Science (See pages 92-93).....	3	3
Speech 29. Voice and Diction.....	0	2
Electives.....	—	—
	<hr/> 16	<hr/> 16

## SENIOR YEAR

Ed. 80. History and Philosophy of Educational Thought...	0	3
Ed. 90. Directed Teaching.....	6	0
Electives.....	—	—
	<hr/> 16	<hr/> 16

Required, 85

Major, or  
Electives, 43

Total, 128



## Bachelor of Music Education

### CURRICULUM VI

#### MUSIC EDUCATION

This curriculum is for students who wish to prepare to teach vocal or instrumental music in the public schools. Upon completion of the requirements set forth below, students will receive the degree of Bachelor of Music Education and will qualify for the Collegiate Professional Certificate for the teaching of music from the Virginia State Board of Education or for a similar certificate in most other states. Students may also gain music skills required for church music, for private music teaching, or for work in a phase of the music industry.

Curriculum VI stresses three aspects of this preparation: comprehensive training in the skills, knowledges, and literature of music; general academic background; and understanding of the principles, procedures, and materials for effective teaching. The stress on musical skills includes, through private and class instruction, a major emphasis on some one area of musical performance—voice, piano, organ, or other instrument, and a minor in another area. It includes also an elementary knowledge of piano, voice, and one instrument of the brass and woodwind groups.

#### FRESHMAN YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Art. 30. Art in General Culture . . . . .	0	3
Eng. 1-2. Reading and Composition . . . . .	3	3
Music 11-12. Theory I . . . . .	4	4
Music 30. Music in General Culture . . . . .	3	0
Music 55p. Instrumental Music (Percussion) . . . . .	0	1
Music 55s-56s. Instrumental Music (Strings) . . . . .	1	1
P. E. . . . .	1	1
Ensemble Elective . . . . .	0	1
Applied Music Electives . . . . .	3	3
	<hr/>	<hr/>
	15	17

## SOPHOMORE YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Eng. 33-34. Introduction to Literature.....	3	3
Math. 7-8. Fundamentals of Mathematics		
<i>or</i>		
Math. 17-18. Introduction to College Mathematics.....	3	3
Music 33-34. Theory II.....	4	4
Music 55b. Instrumental Music (Brass).....	1	0
P. E.....	1	1
Psy. 33-34. Human Growth and Development.....	3	3
Ensemble Elective.....	0	1
Applied Music Electives.....	3	3
	<hr/> 18	<hr/> 18

## JUNIOR YEAR

Music 51-52. Music History.....	3	3
Music 55w. Instrumental Music (Woodwind).....	1	0
Music 77-78. Conducting.....	1	1
Music Ed. 67. Music for Children.....	3	0
Music Ed. 68. Music for Youth.....	0	3
Science: Biological (See page 92).....	4	0
Physical (See page 92).....	0	4
S. S. 33-34. United States History.....	3	3
Ensemble Elective.....	0	1
Applied Music Electives.....	3	3
	<hr/> 18	<hr/> 18

## SENIOR YEAR

Ed. 60. Foundations of Curriculum.....	3	0
Ed. 80. History and Philosophy of Educational Thought...	0	3
Ed. 90. Directed Teaching.....	6	0
Hth. 40. Personal and Community Health.....	0	2
Second Social Science to total twelve semester hours of		
Social Science (See pages 92-93).....	3	3
Speech 29. Voice and Diction.....	0	2
Ensemble Elective.....	0	1
Applied Music Electives.....	3	3
Electives.....	<hr/>	<hr/>
	15	14

Required, 105

Music Electives, 28

Total, 133



## Bachelor of Science

### CURRICULUM VIII

#### LIBERAL ARTS

In this curriculum, work in science is emphasized, although students may specialize in a number of other fields. Students will choose a major from the list of subjects on pages 93-94.

Graduates of this curriculum are prepared to undertake graduate work along the lines of their college preparation, provided electives and the major are chosen wisely, and the student has a good rating. Those students planning to go to graduate school are advised to include a language among their electives.

Subject to the approval of the Curriculum Adviser and the Dean of the College, not more than 12 semester hours of credit may be earned in the professional or semi-vocational fields; library science, education, physical education, business education, and home economics. Vocational courses taken in the freshman year as part of the program for freshmen will also be accepted in the 12 hours noted above.

#### PRE-MEDICAL AND PRE-DENTAL PROGRAMS

The pre-medical or pre-dental student should enroll in Curriculum VIII and plan a program in consultation with his curriculum adviser.

Although colleges of medicine and of dentistry differ in their specific entrance requirements, all of them emphasize the importance of exceptional ability, marked aptitude in science, and outstanding achievement in pre-medical college education. A student who plans to apply for admission to a particular college of medicine or of dentistry should familiarize himself with the requirements of that college and consult his curriculum adviser concerning the program of courses that he should undertake at Madison.

Most medical schools require at least three years of college preparation, and prefer that their candidates have the full four years with the bachelor's degree. It is also to the advantage of pre-dental students to obtain a college degree. Medical and dental schools specify a minimum amount of biology, chemistry, mathematics, and physics, but they want the pre-medical student to obtain a broad cultural background in such fields as literature, social science, psychology, philosophy, and the fine arts.

Students are responsible for meeting specific departmental requirements in their major fields—these will be found in the appropriate section of the catalog.

## FRESHMAN YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Bio. 10-20. General Biology.....	4	4
Eng. 1-2. Reading and Composition.....	3	3
Hth. 40. Personal and Community Health.....	0	2
Math. 17-18. Introduction to College Mathematics.....	3	3
P. E.....	1	1
Physical Science (See page 92).....	4	4
Speech 29. Voice and Diction.....	2	0
	<hr/>	<hr/>
	17	17

## SOPHOMORE YEAR

Art. 30. Art in General Culture.....	0	3
Music 30. Music in General Culture.....	3	0
Eng. 33-34. Introduction to Literature.....	3	3
P. E.....	1	1
Psy. 31-32. General Psychology.....	3	3
Electives.....	<hr/>	<hr/>
	16	16



## JUNIOR YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Phil. 41-42. Introduction to Philosophy.....	3	3
Science elective.....	3	3
S. S. 33-34. United States History.....	3	3
Electives.....	—	—
	<hr/> 16	<hr/> 16

## SENIOR YEAR

Second Social Science to total twelve semester hours of Social Science (See pages 92-93).....		
	3	3
Electives.....	—	—
	<hr/> 16	<hr/> 16

Required, 78

Major, Minor, or  
Electives, 50

Total, 128

## CURRICULUM VIII-A

## MEDICAL TECHNOLOGY

This is a four-year program leading to the Bachelor of Science degree in Medical Technology. It is offered co-operatively with the School of Medicine of the University of Virginia and other hospitals on the approved list of the Council of Medical Education and Hospitals of the American Medical Association and the Board of Schools of Medical Technology of the American Society of Clinical Pathologists.

The degree is conferred by Madison College upon the successful completion of the following three-year program at the College and one academic year at an approved school of medical technology. (No transfer students will be admitted to this curriculum.) Upon completion of the full twelve months course in medical technology, the student is given a diploma by the hospital and becomes eligible for the national examination for certification by the Registry of Medical Technologists of the American Society of Clinical Pathologists.

## FRESHMEN YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Bio. 10-20. General Biology.....	4	4
Chem. 1-2. General Chemistry.....	4	4
Eng. 1-2. Reading and Composition.....	3	3
Math. 17-18. Introduction to College Mathematics.....	3	3
P. E.....	1	1
Electives.....	—	—
	<hr/> 16	<hr/> 16



## SOPHOMORE YEAR

	<i>Credits per Semester:</i>	<i>1st</i>	<i>2nd</i>
Bio. 27. Human Physiology.....	3	0	
Bio. 28. Bacteriology.....	0	4	
Chem. 37. Organic Chemistry.....	3	0	
Chem. 38. Biochemistry.....	0	3	
Eng. 33-34. Introduction to Literature.....	3	3	
P. E.....	1	1	
Psy. 31-32. General Psychology.....	3	3	
S. S. 33-34. United States History.....	3	3	
Electives.....	—	—	
		16	17

## JUNIOR YEAR

Art 30. Art in General Culture.....	3	0
Bio. Elective. (Anatomy, Histology, Embryology, Zoology)	3	3
Chem. 56. Quantitative Analysis.....	0	4
Hth. 40. Personal and Community Health.....	2	0
Music 30. Music in General Culture.....	0	3
Second Social Science to total twelve semester hours of Social Science (See pages 92-93).....	3	3
Speech 29. Voice and Diction.....	2	0
Electives.....	—	—
	16	16

Required, 89

Electives, 7

Total, 96

## SENIOR YEAR

The fourth year of this program consists of twelve months at the School of Medicine of the University of Virginia or some other School of Medical Technology approved by the American Medical Association and American Society of Clinical Pathologists.

To enter a School of Medical Technology, a separate application must be made by the student. A list of approved schools of medical technology is on file in the office of the Director of the Division of Natural Sciences.

## PRE-NURSING

Pre-nursing students should enroll in Curriculum VIII. The University of Virginia School of Nursing offers a program in nursing leading to the Bachelor of Science in Nursing degree. Students may complete two nine-month winter sessions at Madison College, and the remainder of the period of study at the University of Virginia. Following the first session at Madison, students will attend a summer session at the University, which will be designed to give an insight into actual bedside nursing. (No transfer students will be admitted to this curriculum.)

## FRESHMAN YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Bio. 10-20. General Biology.....	4	4
Chem. 1-2. General Chemistry.....	4	4
Eng. 1-2. Reading and Composition.....	3	3
Hth. 40. Personal and Community Health.....	0	2
P. E.....	1	1
S. S. 33-34. United States History.....	3	3
	<hr/>	<hr/>
	15	17

## SOPHOMORE YEAR

Bio. 27. Human Physiology.....	0	3
Bio. 28. Bacteriology.....	4	0
Bio. 29. Anatomy.....	4	0
Eng. 33-34. Introduction to Literature.....	3	3
H. E. 19. Elementary Nutrition.....	0	3
P. E.....	1	1
Psy. 31-32. General Psychology.....	3	3
S. S. 39. Principles of Sociology.....	3	0
S. S. 48. Social Problems.....	0	3
	<hr/>	<hr/>
	18	16



## CURRICULUM IX

## INSTITUTION MANAGEMENT

This curriculum meets the academic requirements set up by the American Dietetic Association. While this course is a professional course for food administrators, it is broad in its content and scope. The demand for this type of training far exceeds the trained personnel available.

Graduates are eligible for entrance as dietetic interns in hospitals and administrative courses approved by the American Dietetic Association. There need be no additional expense for this year of internship. Some of these courses carry a satisfactory stipend. This year of successful apprentice training gives the graduate active membership in the A.D.A. and enables her to accept a full time position as a graduate dietitian.

College graduates without this year of internship are in demand for positions in school lunch rooms, small hospitals, transportation companies, and welfare agencies.

In the senior year the half semester block plan is used. One block consists of H. E. 80, Supervised Institution Management; the second block consists of H. E. 99, Home Management Residence.

## FRESHMAN YEAR

	<i>Credits per Semester:</i>		<i>1st</i>	<i>2nd</i>
Bio. 10. General Biological Science.....	0	4	0	4
Chem. 1-2. General Chemistry.....	4	4	4	4
Eng. 1-2. Reading and Composition.....	3	3	3	3
H. E. 10. The Contemporary Family.....	3	0	3	0
H. E. 19-20. Elementary Nutrition; Foods.....	3	3	3	3
P. E. ....	1	1	1	1
Electives, Restrictive.....	—	—	—	—
			16	16

## SOPHOMORE YEAR

	<i>Credits per Semester:</i>	<i>1st</i>	<i>2nd</i>
Bio. 27-28. Human Physiology and Bacteriology.....	3	4	
Chem. 37. Organic Chemistry.....	3	0	
Chem. 38. Biochemistry.....	0	3	
Eng. 33-34. Introduction to Literature.....	3	3	
Math. 7-8. Fundamentals of Mathematics			
or			
Math. 17-18. Introduction to College Mathematics.....	3	3	
P. E.....	1	1	
Psy. 33-34. Human Growth and Development.....	3	3	
Electives.....	—	—	
	16	17	

## JUNIOR YEAR

H. E. 40. Clothing Construction.....	3	0	
H. E. 46. Housing and Equipment.....	0	3	
H. E. 50. Health of the Family.....	3	0	
H. E. 60. Advanced Nutrition.....	0	3	
H. E. 76. Advanced Foods.....	0	3	
or			
H. E. 96. Experimental Foods.....	0	(3)	
H. E. 89. Child Development.....	3	0	
Music 30. Music in General Culture.....	3	0	
S. S. 29. Principles of Economics.....	3	0	
S. S. 33-34. United States History.....	3	3	
S. S. 39. Principles of Sociology.....	0	3	
Speech 29. Voice and Diction.....	0	2	
Electives.....	—	—	
	18	17	

## SENIOR YEAR

Art 30. Art in General Culture.....	0	3	
Bus. 89. Personnel Administration.....	0	3	
Hth. 40. Personal and Community Health.....	0	2	
H. E. 69. Consumer Economics.....	3	0	
H. E. 30. Social and Family Relationships.....	0	3	
H. E. 77. Institution Equipment.....	2	0	
H. E. 80. Directed Institution Management.....	6	0	
H. E. 87. Institution Organization.....	2	0	
H. E. 95. Diet Therapy.....	0	3	
H. E. 99. Home Management Residence.....	4	0	
Electives.....	—	—	
	17	16	

Required, 128

Total, 128



## CURRICULUM X

## GENERAL HOME ECONOMICS

This curriculum is planned to give greater possibility for electives than is advisable in professional home economics Curricula IV and IX. Special emphasis is placed upon preparation for the responsibilities of homemaking and family living. Courses designed to acquaint the student with family relationship, child development, and health of the family are offered. The curriculum also offers opportunities for preparation for income earning in such fields as home economics in business, journalism, radio, television, demonstration work, social welfare, merchandising, and government.

This curriculum does not meet the requirements for professional qualifications in teaching or dietetics. However, it is possible for a student to transfer into either Curriculum IV or IX without loss of credits.

## FRESHMAN YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Eng. 1-2. Reading and Composition.....	3	3
H. E. 10. The Contemporary Family.....	3	0
H. E. 19. Elementary Nutrition.....	0	3
Math. 7-8. Fundamentals of Mathematics		
<i>or</i>		
Math. 17-18. Introduction to College Mathematics.....	3	3
P. E.....	1	1
Science: Biological (See page 92).....	4	0
Physical (See page 92) (Chem. 9 recommended).	0	4
Electives.....	—	—
	16	16

## SOPHOMORE YEAR

	<i>Credits per Semester:</i>	
	1st	2nd
Art 30. Art in General Culture.....	3	0
Art 39. Interior Design.....	0	3
Eng. 33-34. Introduction to Literature.....	3	3
H. E. 20. Foods.....	0	3
H. E. 39-40. Textiles; Clothing Construction.....	3	3
P. E.....	1	1
Phys. 40. Household Physics.....	3	0
Psy. 31-32. General Psychology, <i>or</i> .....	3	3
See course description of Psy. 33-34, page 221		
Electives.....	—	—
	16	16

## JUNIOR YEAR

Hth. 40. Personal and Community Health.....	0	2
H. E. 46. Housing and Equipment.....	3	0
H. E. 50. Health of the Family.....	3	0
H. E. 60. Advanced Nutrition.....	0	3
H. E. 30. Social and Family Relationships.....	0	3
H. E. 89. Child Development.....	3	0
Music 30. Music in General Culture.....	3	0
S. S. 33-34. United States History.....	3	3
Speech 29. Voice and Diction.....	0	2
Electives.....	—	—
	16	16

## SENIOR YEAR

H. E. 69. Consumer Economics.....	3	0
H. E. 99. Home Management Residence.....	4	0
Home Economics and/or Art.....	0	6
S. S. 29. Introduction to Economics.....	3	0
S. S. 39. Principles of Sociology.....	0	3
Electives.....	—	—
	16	16

Required, 101

Restricted Electives, 6  
Free Electives, 21

Total, 128





## SOPHOMORE YEAR

	<i>Credits per Semester:</i>	<i>1st</i>	<i>2nd</i>
Art 30. Art in General Culture.....	3	0	
Bus. 41-42. Advanced Typewriting.....	2	2	
Bus. 43-44. Advanced Shorthand.....	3	3	
Bus. 45-46. Elementary Accounting.....	3	3	
P. E.....	1	1	
Science: Biological (See page 92).....	4	0	
Physical (See page 92).....	0	4	
Speech 29. Voice and Diction.....	0	2	
Electives.....	—	—	
	16	16	

## JUNIOR YEAR

Bus. 29. Office Efficiency.....	2	0	
Bus. 65-66. Intermediate Accounting.....	3	3	
Bus. 59. Business Correspondence.....	3	0	
Eng. 33-34. Introduction to Literature.....	3	3	
Hth. 40. Personal and Community Health.....	2	0	
Music 30. Music in General Culture.....	0	3	
Psy. 31-32. General Psychology.....	3	3	
(See course description of Psy. 31-32, page 221)			
Electives.....	—	—	
	16	16	

## SENIOR YEAR

Bus. 57 or 58. Advanced Secretarial-Clerical Application..	2	0	
Bus. 60. Office Machines.....	2	0	
Bus. 78. Dictation and Transcription.....	0	3	
Bus. 87. Marketing.....	3	0	
Bus. 95. Business Law.....	0	3	
S. S. 29-49. Introduction to Economics; Economic Problems.....	3	3	
Electives.....	—	—	
	16	16	

Required, 109

Electives, 19

Total, 128



# PLAN II<sup>1</sup>—BUSINESS ADMINISTRATION WITH ACCOUNTING BACKGROUND

## FRESHMAN YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Bus. 10. Introduction to Business.....	0	2
Bus. 20. Business Mathematics.....	3	0
Bus. 25-26. Elementary Typewriting.....	2	2
Bus. 45-46. Elementary Accounting.....	3	3
Eng. 1-2. Reading and Composition.....	3	3
Math. 7-8. Fundamentals of Mathematics		
<i>or</i>		
Math. 17-18. Introduction to College Mathematics.....	3	3
P. E.....	1	1
Electives.....	—	—
	<hr/> 16	<hr/> 16

## SOPHOMORE YEAR

Art 30. Art in General Culture.....	0	3
Bus. 65-66. Intermediate Accounting.....	3	3
Psy. 31-32. General Psychology.....	3	3
(See course description of Psy. 31-32, page 221)		
Science: Biological (See page 92).....	4	0
Physical (See page 92).....	0	4
S. S. 33-34. United States History.....	3	3
Speech 29. Voice and Diction.....	2	0
Electives.....	—	—
	<hr/> 16	<hr/> 16

<sup>1</sup>Men students must also complete 18 semester hours of professional education courses, including Psy. 33-34; Ed. 60-70; Ed. 90.

JUNIOR YEAR

	<i>Credits per Semester:</i>	
	1st	2nd
Bus. 59. Business Correspondence.....	0	3
Bus. 60. Office Machines.....	2	0
Bus. 76. Federal Income Tax Accounting.....	3	0
Bus. 87. Marketing.....	3	0
Eng. 33-34. Introduction to Literature.....	3	3
Hth. 40. Personal and Community Health.....	0	2
P. E.....	1	1
Music 30. Music in General Culture.....	0	3
S. S. 29-49. Introduction to Economics; Economic Problems.....	3	3
Electives.....	—	—
	16	16

SENIOR YEAR

Bus. 88. Money and Banking.....	0	3
Bus. 89-96. Personnel Administration or Salesmanship...	0	3
Bus. 95. Business Law.....	0	3
Bus. 97-98. Advanced Accounting.....	3	3
Electives.....	—	—
	16	16

Required, 105                      Electives, 23                      Total, 128



## Bachelor of Arts

### CURRICULUM VII

#### LIBERAL ARTS

This curriculum enables students not primarily interested in teaching to secure academic training equivalent to that offered in a liberal arts college. It provides students with a broad, cultural education and at the same time enables them to secure pre-professional preparation for such fields as library science, psychiatry, personnel work, social welfare, medicine, law, and other professions. A major may be chosen from the subjects listed on pages 93-94.

Subject to the approval of the Curriculum Adviser and the Dean of the College, not more than 12 semester hours of credit may be earned in the professional or semi-vocational fields: library science, education, physical education, business education, and home economics. Vocational courses taken in the freshman year as part of the program for freshmen will also be accepted in the 12 hours noted above, in case a student transfers from one curriculum to another.

Students are responsible for meeting specific departmental requirements in their major fields—these will be found in the appropriate section of the catalog.

#### FRESHMAN YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Art 30. Art in General Culture.....	3	0
Eng. 1-2. Reading and Composition.....	3	3
Foreign Language (French, German, Latin, Spanish).....	3	3
Math. 17-18. Introduction to College Mathematics.....	3	3
Music 30. Music in General Culture.....	0	3
P. E. ....	1	1
Electives.....	—	—
	<hr/> 16	<hr/> 16

## SOPHOMORE YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Eng. 33-34. Introduction to Literature.....	3	3
Foreign Language.....	3	3
P. E.....	1	1
Psy. 31-32. General Psychology.....	3	3
Science: Biological (See page 92).....	4	0
Electives.....	—	—
	16	16

## JUNIOR YEAR

Foreign Language.....	3	3
Hth. 40. Personal and Community Health.....	0	2
Second Science.....	4	4
S. S. 33-34. United States History.....	3	3
Speech 29. Voice and Diction.....	0	2
Electives.....	—	—
	16	16

## SENIOR YEAR

Phil. 41-42. Introduction to Philosophy.....	3	3
Second Social Science to total twelve semester hours of Social Science (See pages 92-93).....	3	3
Electives.....	—	—
	16	16

Required, 86

Major, or Electives, 42

Total, 128



## Bachelor of Music

### CURRICULUM XII

#### MUSIC

This curriculum is for students whose chief interests lie within the fields of musical performance, theory, and composition. Emphasis is put on broad and complete preparation in music for a professional career and for graduate professional music study, and on academic background through the general education courses. Students admitted to this curriculum will be required to pass periodic performance tests to demonstrate satisfactory progress.

#### FRESHMAN YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Art 30. Art in General Culture.....	0	3
Eng. 1-2. Reading and Composition.....	3	3
Music 11-12. Theory I.....	4	4
Music 30. Music in General Culture.....	3	0
P. E.....	1	1
Ensemble Elective.....	0	1
Applied Music Electives.....	4	4
Electives.....	—	—
	15	16

#### SOPHOMORE YEAR

Music 33-34. Theory II.....	4	4
P. E.....	1	1
Psy. 31-32. General Psychology.....	3	3
Science: Biological (See page 92).....	4	0
Physical (See page 92).....	0	4
Ensemble Elective.....	0	1
Applied Music Electives.....	4	4
	16	17

JUNIOR YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Eng. 33-34. Introduction to Literature.....	3	3
Music 65-66. Counterpoint.....	2	2
Music 75-76. Form and Analysis.....	2	2
Music 77-78. Conducting.....	1	1
S. S. 33-34. United States History.....	3	3
Speech 29. Voice and Diction.....	2	0
Ensemble Elective.....	0	1
Applied Music Electives.....	4	4
	<hr/>	<hr/>
	17	16

SENIOR YEAR

Hth. 40. Personal and Community Health.....	0	2
Music 85-86. Orchestration (for instrumental majors)....	2	2
Music 90. Contemporary Music.....	2	0
Music 51-52. Music History.....	3	3
Music 95-96. Composition.....	2	2
Second Social Science to total twelve semester hours of Social Science (See pages 92-93).....	3	3
Ensemble Elective.....	0	1
Applied Music Electives.....	4	4
Elective.....	—	—
	<hr/>	<hr/>
	16	17

Required, 94	Applied Music Electives, 36	Total, 130
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Voice majors may substitute French or German for Senior courses in Orchestration and Composition.



### STUDENT TEACHING (CURRICULA I-VI)

Provision for student teaching is an important function of the College. Students preparing to teach should have the opportunity of gaining valuable practical experiences in solving problems which will confront them when they enter the teaching profession. Therefore, student teaching is required of all students who are enrolled in a curriculum leading toward teaching.

In the student teaching program, the student teachers first observe the work of skilled teachers, and then they are gradually given charge of the classroom and are held responsible for instruction and guidance of the pupils. Throughout their entire period of teaching, the students are closely supervised by skilled teachers who observe their work and instruct them in the methods used. The Director of Laboratory School Experiences coordinates the programs, assigns all student teachers to their places, and helps to plan and supervise their work. The College Supervisors have the primary responsibility for supervising the work of the student teachers. Students are given the opportunity to teach in their major area or special field.

Student teachers who live on the campus are assigned to the public schools of Harrisonburg, Anthony-Seeger Campus School, or Rockingham County. Many student teachers live off campus and teach in public schools within a distance of 125 miles.





*Hillcrest —  
Home of the President*

*May Court*







Stratford Players  
Scene from "The House of Bernarda Alba"

Concert Choir







*Reception for Freshmen*

*Formal Dance*







*West Campus —  
Converse Residence Hall*

*Modern Dance Group*





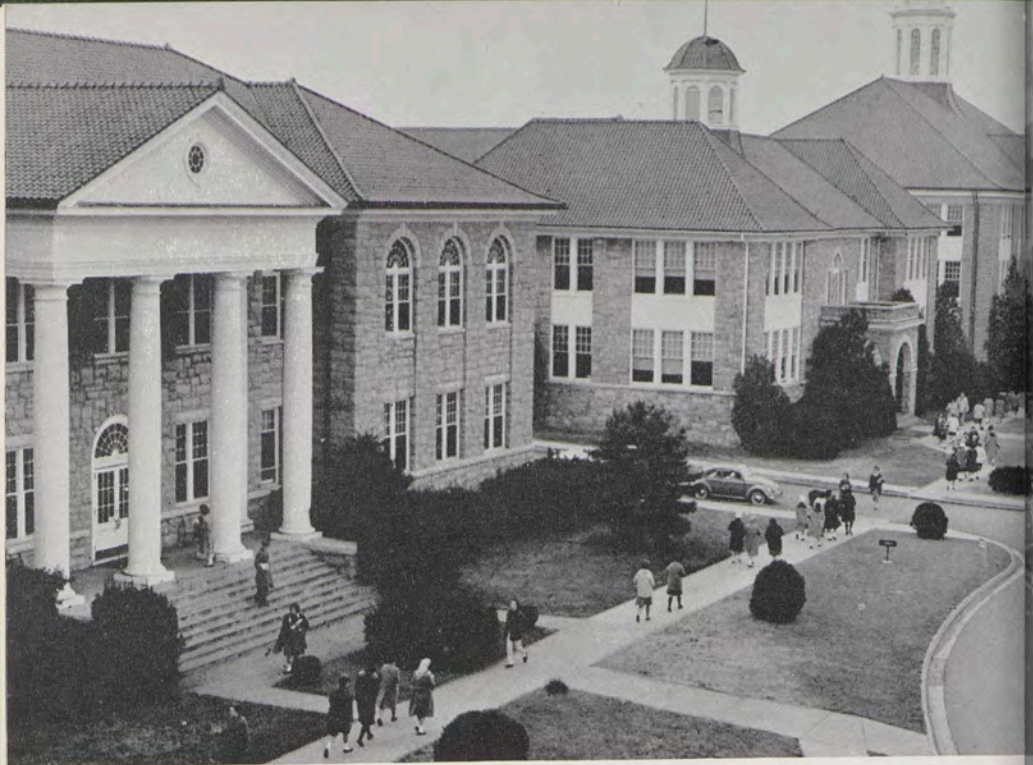


*The Humanities*

*Art Gallery*





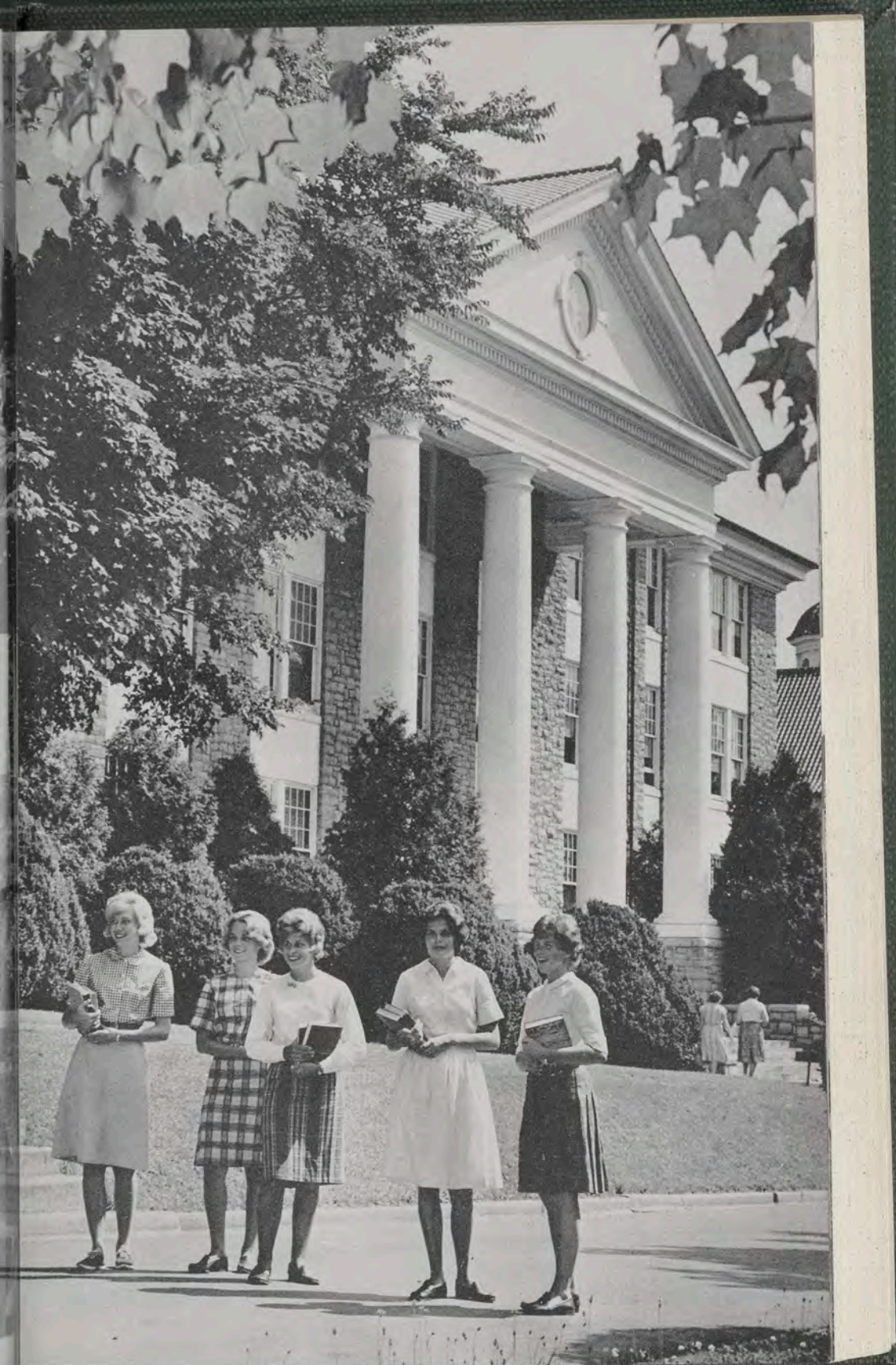


*East Campus—Madison Memorial Library,  
Keezell and Wilson Halls*

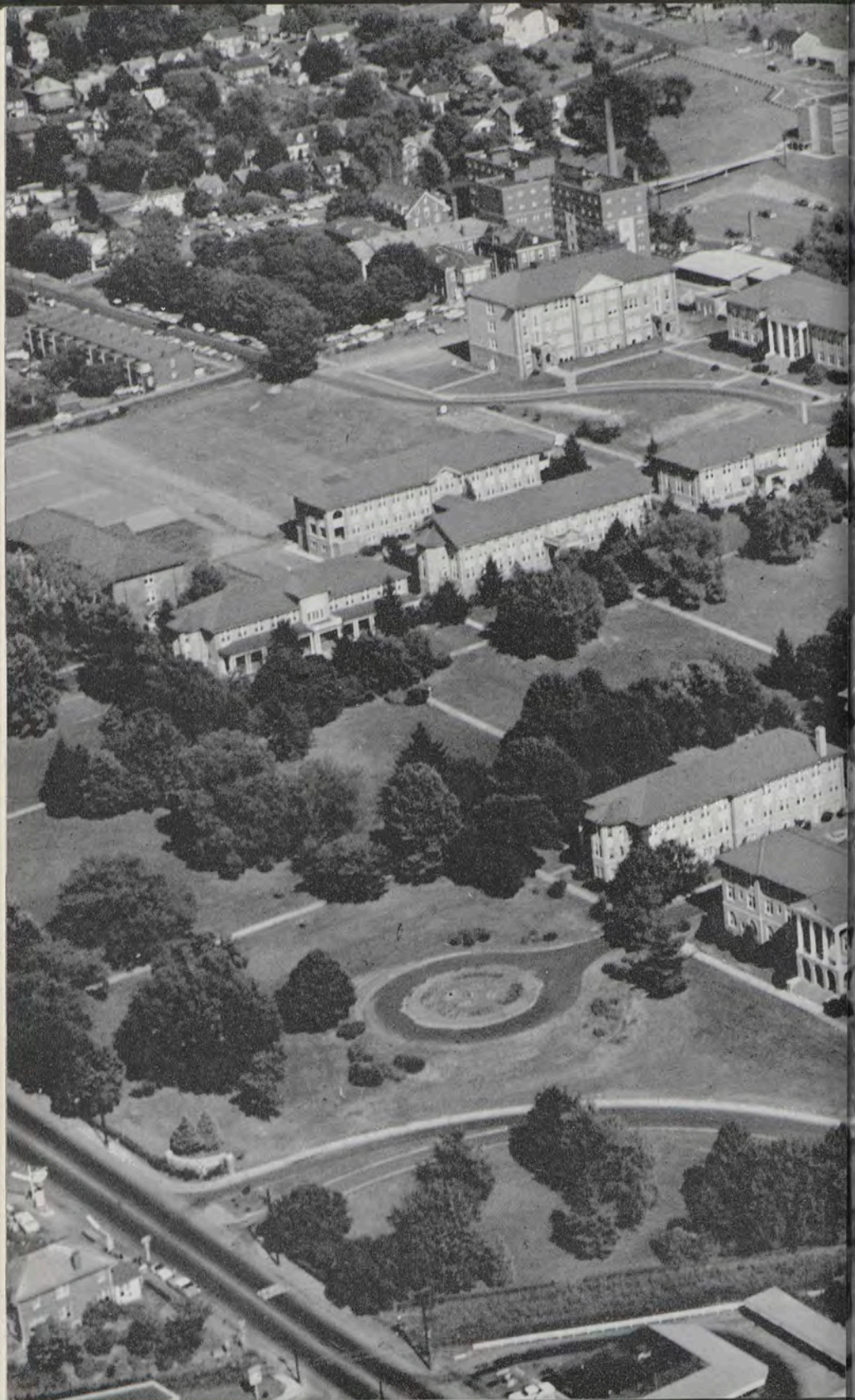
*Teaching by  
Closed-Circuit Television*







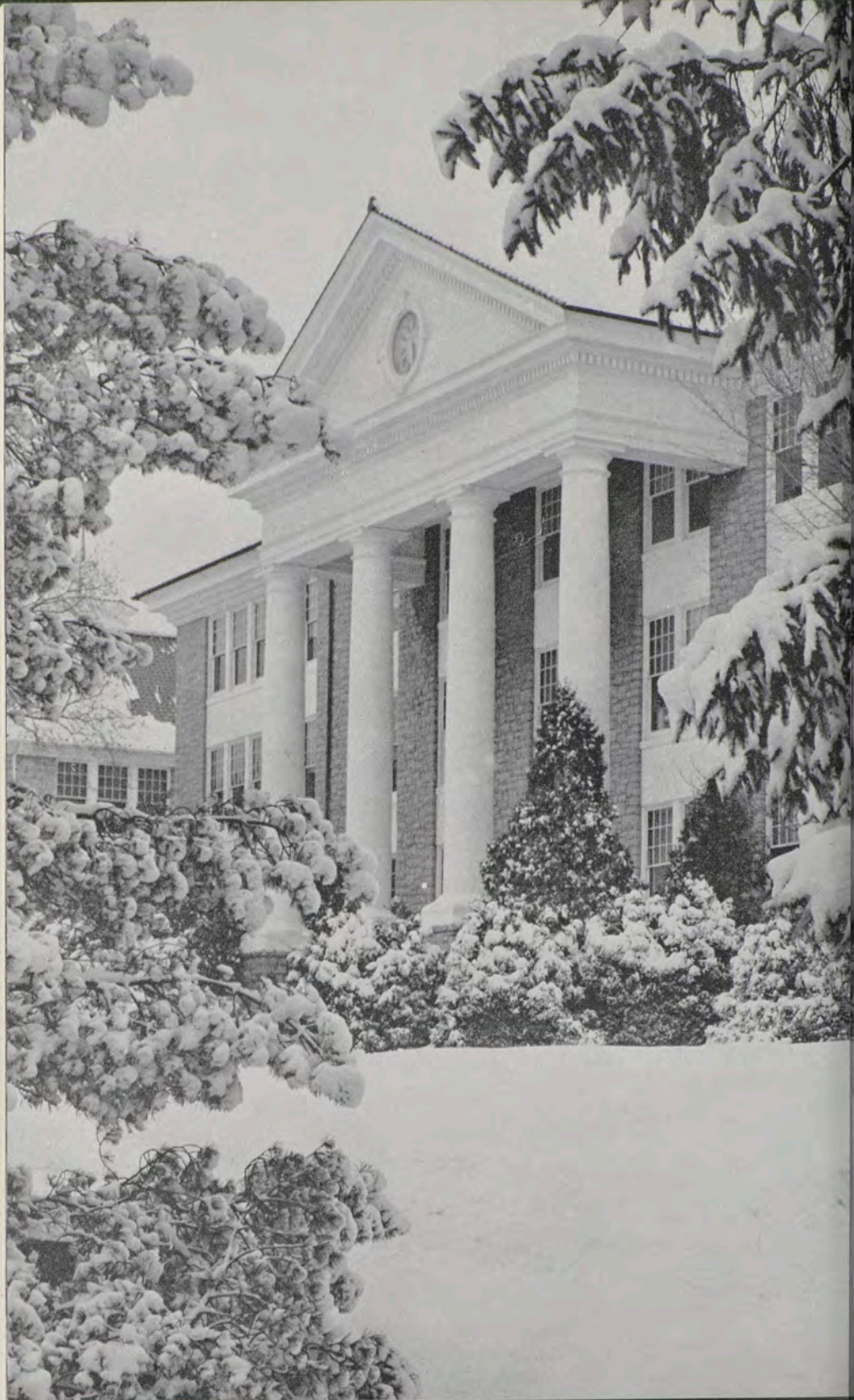




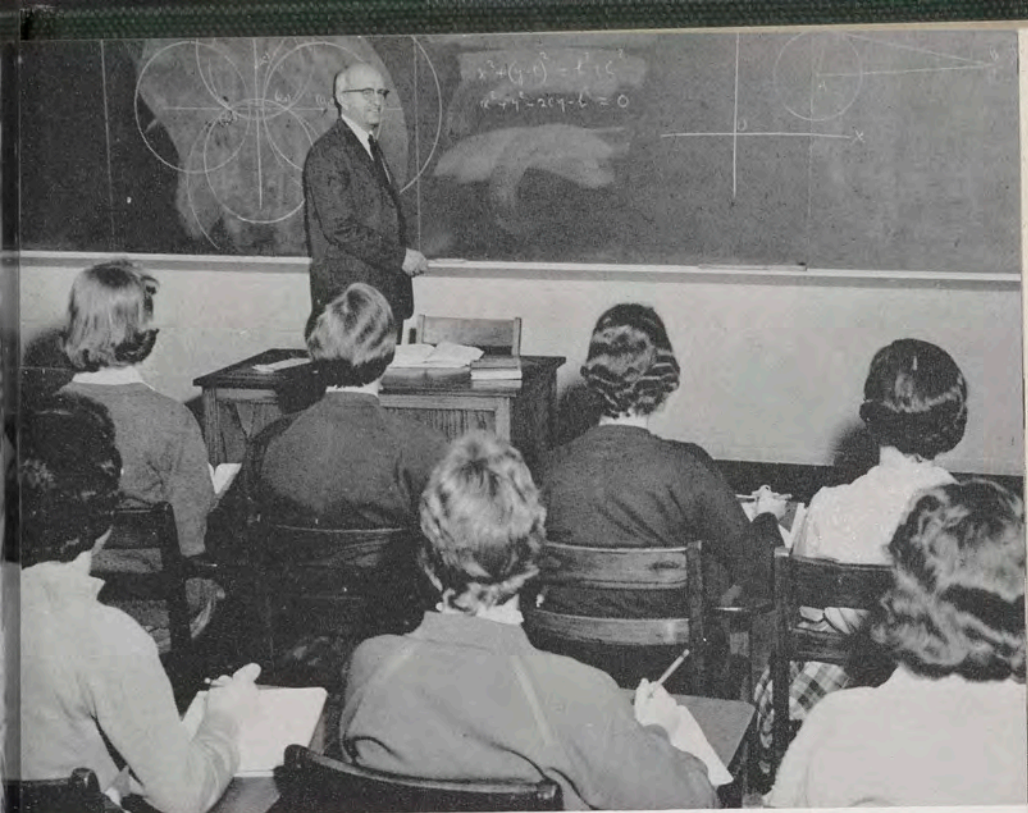






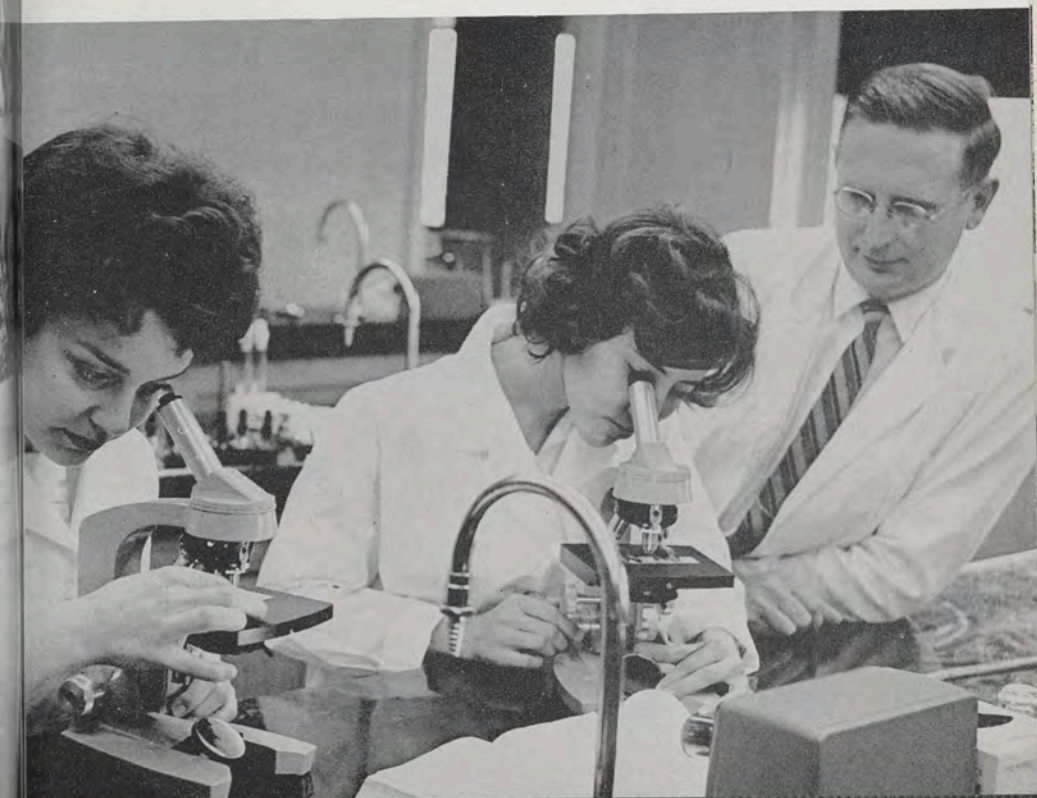






*The Natural Sciences*

*Biology Department*











*The Social Sciences*

*Home Economics Laboratory*







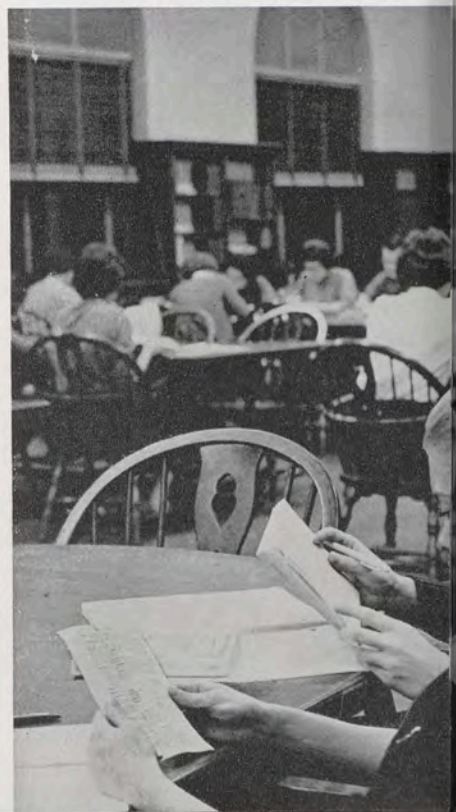
*Library Stacks*



*The Pursuit of Knowledge*

*Library Reference Room*

*Mildred Miller, Metropolitan Opera Star,  
is Greeted by Madison Student*

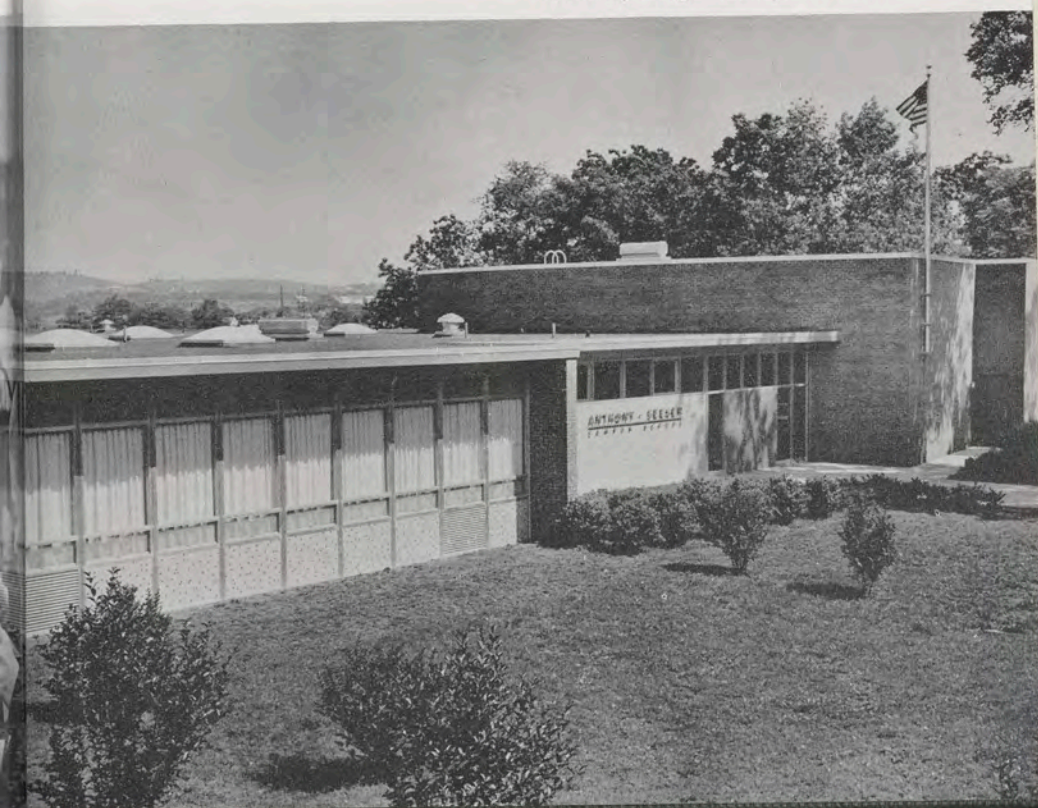




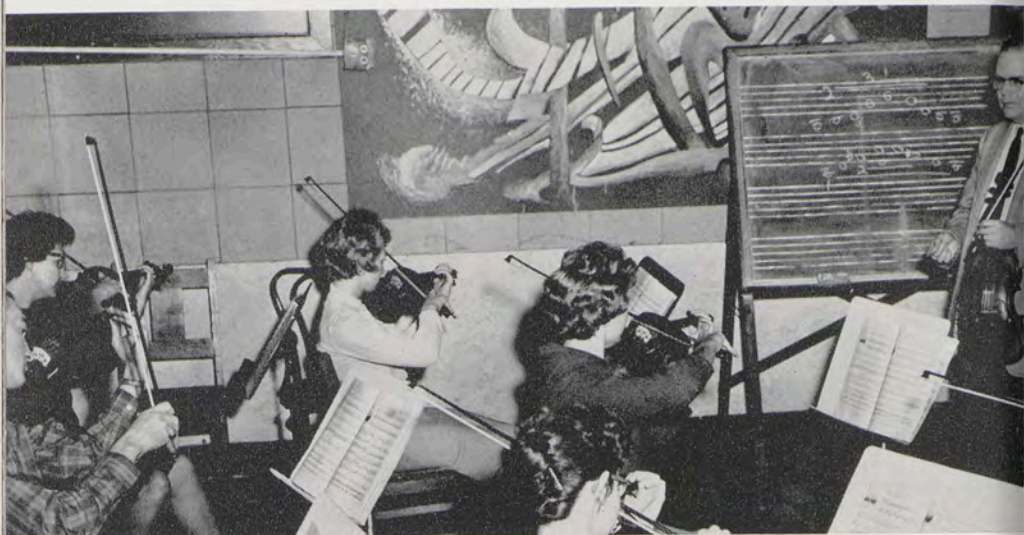


*Teacher Education*

*Anthony-Seeger Campus School*







*String Class Instruction*

*VIEWPOINT—A Weekly  
Presentation by Madison College*





## PART SEVEN

### The Divisions, the Departments and Courses of Instruction

#### IMPORTANT NOTE TO STUDENTS

Courses whose numbers end in 1-2 and 3-4 are year courses, both semesters of which must be completed before credit is given.

Courses whose numbers end in 5-6 and 7-8 may be elected in part or in whole, except that frequently the second semester's work may not be taken unless the student has received credit for the first semester's work.

Courses whose numbers end in 0 or 9 may be given in either or both semesters in the academic year.

College Divisions and their Departments are the functioning units in the instructional part of the school. The Departments offer many courses in the following fields ★

★ BASIC STUDIES

★ TEACHER EDUCATION

★ LIBERAL ARTS

★ SPECIALIZED EDUCATION



## Divisions of Instruction

The faculty of the College, for purposes of closer association in such matters as administration, instruction, curriculum and research, is organized by Division and Departments as follows:

### THE DIVISION OF THE HUMANITIES

LOUIS GLENN LOCKE, *Director*

This division includes the departments of Art; English Language, Literature, Speech, General Philosophy; Foreign Languages; and Music.

### THE DIVISION OF THE NATURAL SCIENCES

J. EMMERT IKENBERRY, *Director*

This division includes the departments of Biology, Chemistry, Geology, Mathematics, Physics, and Physical and Health Education.

### THE DIVISION OF THE SOCIAL SCIENCES

ELMER L. SMITH, *Director*

This division includes the departments of Business Education, History and Social Science, Library Science, and Home Economics.

### THE DIVISION OF TEACHER EDUCATION

CHARLES G. CALDWELL, *Director*

This division includes the department of Education and Psychology, the supervisors responsible for laboratory experiences for teachers, and a representative from each department that offers a major or minor or an area of concentration for students in the teaching curricula.

# Division of the Humanities

MR. LOCKE, *Director*

## ART

MISS THEODORE, *Head of the Department*

MR. BEER, MR. DILLER, MR. EUWER, AND MISS GROVE

The Department of Art is organized for these purposes: to prepare students to be teachers or supervisors of art on either the elementary or secondary level; to provide a balanced background for talented students who wish to build a foundation for a career and/or advanced study in art; and to combine art with academic studies as a broad basis for general education on the college level.

The minimum requirement for a *major* in art is forty-two semester hours including Art 30, subject to the approval of the head of the department. A *minor* includes a minimum of eighteen semester hours, subject to the approval of the head of the department. Prerequisites must be observed unless the student can show evidence of equivalent disciplines.

For certification by the Virginia State Board of Education, these requirements must be fulfilled:

Art.....24 semester hours

- I. Fundamental Principles of Design . . . 9 semester hours  
Creative practice in the arts with emphasis on design as it functions in drawing, painting, posters and illustration, interiors, advertising, architecture, city planning, and textiles.

(To be chosen from 15, 16, 25, 29, 39, 45, 55, 56, 85, 86.)

- II. Modeling, Ceramics, Carving, Mobiles and Constructions, Handicrafts . . . 9 semester hours  
(To be chosen from 26, 37, 57, 58, 67.)

- III. History and Appreciation of Art . . . 6 semester hours  
(To be chosen from 30, 65, 66, 88, 95.)



The Art Department reserves the right to retain permanently one work from each student in each class. The disposition of these works will be decided by the art staff. Other works may be held temporarily for use in specific exhibitions. These will be available to owners no later than two years after the lending date.

ART 15. *Art Structure: Design and Nature of Materials.* 1st semester; 1 single and 2 double periods a week; 3 credits.

Basic problems in two- and three-dimensional design in a variety of materials; study of the organic quality of materials in relation to design potentials; analysis of the visual elements of art.

ART 16. *Art Structure: Drawing.* 2nd semester; 1 single and 2 double periods a week; 3 credits.

An introductory course composed of problems in landscape, figure and still-life in several media.

ART 25. *Advanced Design and Composition.* 2nd semester; 1 single and 2 double periods a week; 3 credits.

Study of the elements and principles of design leading to application in specialized fields of art. Analysis of significant works. *Prerequisite:* Art 15, Art 16.

ART 26. *Introductory Crafts.* 1st semester; 1 single and 2 double periods a week; 3 credits.

An approach to crafts with emphasis on design. Creative use of materials and techniques.

ART 29. *Introduction to Painting.* Offered each semester; 2 triple periods a week; 3 credits.

For students who have had some experience in drawing. Registration by permission of the instructor.

ART 30. *Art in General Culture.* Offered each semester; 2 single and 1 double period a week; 3 credits.

An exploratory course which aims to develop a non-technical, general cultural understanding of the space arts, such as architecture, painting, sculpture, and industrial design. Emphasis is on the contemporary.

ART 37 OR SPEECH 67. *Dramatic Production*. 1st semester; 3 periods a week; 3 credits.

A study of the technical knowledge of the theater necessary for the design, execution and production of plays. *Prerequisite: Art 30.*

ART 39. *Interior Design*. Offered each semester; 1 single and 2 double periods a week; 3 credits.

A creative approach to furnishing living quarters with emphasis on function, character and nature of materials. Survey of periods, with emphasis on the contemporary. *Prerequisite: Art 30.*

ART 45. *Advertising Art*. 1st semester; 1 single and 2 double periods a week; 3 credits.

A study of and practice in lettering and layout as applied to cover package and exhibition design. Experience in techniques such as airbrush. *Prerequisites: Art 15, Art 25, Art 30. (Offered 1964-65.)*

ART 55. *Graphic Arts*. 2nd semester; 1 single and 2 double periods a week; 3 credits.

Practice in wood cut, silk screen, etching and engraving. *Prerequisites: Art 15, Art 16, Art 25. (Offered 1963-64.)*

ART 56. *Watercolor*. 2nd semester; 1 single and 2 double periods a week; 3 credits.

Study of and practice in transparent and opaque watercolor techniques. *Prerequisites: Art 16, Art 25.*

ART 57. *Sculpture*. 1st semester, alternate years; 3 double periods a week; 3 credits.

Problems in modeling, casting in plaster, carving in wood and stone, and welding. *Prerequisites: Art 15, Art 30. (Offered 1963-64.)*



ART 58. *Advanced Crafts*. 2nd semester; 1 single and 2 double periods a week; 3 credits.

A continuation of Art 26 with further investigation and concentration on at least two specific crafts. *Prerequisites: Art 15, Art 26, Art 30.*

ART 59. *Art Activities in the Elementary School*. Offered each semester; 1 single and 2 double periods a week; 3 credits.

A study of the aims and philosophy of art education in the elementary school with emphasis on child growth and development through art. Experience in suitable art techniques. *Prerequisites: Art 30, Psy. 33-34.*

ART 65. *Art History: Pre-Renaissance*. 1st semester; 3 periods a week; 3 credits.

A study of sculpture, architecture, painting, and other space arts from prehistoric times to the Renaissance.

ART 66. *Art History: Renaissance*. 2nd semester; 3 periods a week; 3 credits.

A study of the space arts in Occidental cultures during the flowering and decline of their respective Renaissance periods.

ART 67. *Ceramics*. 1st semester; 1 single and 2 double periods a week; 3 credits.

Laboratory experiences in forming, firing and glazing pottery and ceramic sculpture. *Prerequisites: Art 15, Art 30.*

ART 68. *Teaching of Art in the Secondary School*. 2nd semester; 1 single and 2 double periods a week; 3 credits.

Problems in the teaching and administration of art programs on the secondary level. *Prerequisites: Twelve semester hours of Art; Psy. 33-34.*

ART 85. *Painting*. Offered each semester; 2 triple periods a week; 3 credits.

Problems in oil painting with creative and esthetic considerations of picture structure. *Prerequisites: Art 16, Art 25.*

ART 86. *Painting*. 2nd semester; 2 triple periods a week; 3 credits.

Advanced problems in media selected by the student with the advice of the instructor. *Prerequisite: Art 85.*

ART 88. *Esthetics*. 2nd semester; 3 single periods a week; 3 credits.

A reflection upon those elements present in works of art, the distinguishing features of those elements, and the activities present in their creation and enjoyment. (*Offered alternate years.*)

ART 95. *Modern Art*. 1st semester; 3 periods a week; 3 credits.

A survey of art forms and philosophy from the middle of the nineteenth century to the present.

ART 99. *Independent Problems*. On demand; 1, 2, or 3 credits.

Advanced research or studio work in any medium selected by the student and approved by the chairman of the department.

## English Language, Literature, and Speech

MR. LOCKE, *Head of the Department*

MISS BRILL, MR. CURTIS, MR. LACY, MR. LAHAIE, MISS LATIMER, MR. LEIGH, MR. LINK, MR. RHEIN, MRS. SAWHILL, MR. STIRLING, MRS. SWINK, MRS. WILKINS, AND MR. WILSON

*Major:* Thirty semester hours beyond the General Education requirements (Eng. 1-2, Speech 29, Eng. 33-34), distributed as follows:

A. Required courses (18 semester hours):

1. Eng. 35-36
2. Eng. 47-48
3. Eng. 69
4. Eng. 90

B. Elective courses (12 semester hours)



*Minor:* Fourteen semester hours in General Education: (Eng. 1-2, Speech 29, Eng. 33-34); Eng. 35 or Eng. 36 or Eng. 47 or Eng. 48; three additional hours to bring the total number of semester hours to 20. (Attention is called to the fact that this minor is insufficient for a Certification to teach English in Virginia. Endorsement in English requires a minimum of 24 hours. English minors who wish to teach are therefore advised to take 24 hours of English.)

ENGLISH 1-2. *Reading and Composition*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester. (Year course.)

Reviews the principles of grammar and usage in oral and written English, directs reading and analysis of selected examples of prose, and requires frequent compositions with attention to logical relation and arrangement of ideas, and to readability and interest. Procedures are introduced for the effective use of the library and for the preparation of a research paper.

ENGLISH 33-34. *Introduction to Literature*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester. (Year course.)

An introduction to our literary heritage through a limited number of carefully selected examples of poetry, drama, and fiction.

ENGLISH 35-36. *Survey of English Literature*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

A general survey with readings, discussions, and reports, presented chronologically from Beowulf to modern times. Eng. 36 will begin at the middle of the eighteenth century.

ENGLISH 46. *Mythology*. 2nd semester; 2 periods a week; 2 credits.

An examination of classical mythology and traditional myths in relation to English and American literature.

ENGLISH 47-48. *Survey of American Literature*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

A survey presented historically and critically through lectures, outside readings, research papers, and discussions. The first

semester extends through the American Renaissance; the second semester concludes with Hemingway and Faulkner.

ENGLISH 50. *Chaucer*. 1st semester; 3 periods a week; 3 credits.

A study of *The Canterbury Tales*, with an introduction to *Troilus* and to Chaucer's minor poems. Some attention will also be given the literary work of Chaucer's contemporaries. (Offered alternate years.)

ENGLISH 56. *Modern Drama*. 2nd semester; 3 periods a week; 3 credits.

The development of the type from Ibsen to the present, with emphasis on British, Continental, and American playwrights. (Offered alternate years.)

ENGLISH 57-58. *World Literature*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

This course cultivates an appreciation for the major literary masterpieces of the Western world from the time of Homer to the present. Foreign works are studied in English translations.

ENGLISH 59. *Literature of the Augustan Age*. 2nd semester; 3 periods a week; 3 credits.

A study of English literature from 1660 to 1740 with special emphasis upon Dryden, Swift, and Pope. Attention to critical theories, intellectual and cultural movements, and literary forms.

ENGLISH 60. *Creative Writing*. 1st semester; 3 periods a week; 3 credits.

Considers various phases of effective creative expression: diction, organization, readability, interest and mechanics. Students will experiment in various types and concentrate on their choice. Manuscripts will be prepared with a view to publication, and current markets for creative writing will be examined.

ENGLISH 65-66. *Journalism*.



ENGLISH 65. *News Writing*. 1st semester; 3 periods a week; 3 credits.

Outlines the functions of modern newspaper procedure with practice in gathering news and in writing various types of newspaper articles.

Suggested as a basic course for advisers of high school publications, and for members of the College newspaper staff.

ENGLISH 66. *News Editing*. 2nd semester; 3 periods a week; 3 credits.

The fundamentals of composing room, proof reading, circulation, business office, and photographic laboratory; headlining, make-up, re-writing, and other editorial functions.

ENGLISH 67. *The English Novel*. 1st semester; 3 periods a week; 3 credits.

Great novels of the eighteenth and nineteenth centuries, with emphasis on Fielding, Austen, Dickens, Hardy and Conrad (*Offered alternate years.*)

ENGLISH 68. *The American Novel*. 2nd semester; 3 periods a week; 3 credits.

American fiction through the nineteenth century, with consideration of literary techniques and the changing conditions of the times, will be stressed. (*Offered alternate years.*)

ENGLISH 69. *Shakespeare*. 1st semester; 3 periods a week; 3 credits.

The best of Shakespeare's comedies and tragedies, with emphasis on dramatic technique and the Elizabethan stage.

ENGLISH 70. *Literary Criticism*. 1st or 2nd semester ; 3 periods a week; 3 credits a semester.

Literary criticism is examined in the works of some of the major critics, ancient and modern, and practiced in the application of critical principles to texts representing the major literary genres. *Prerequisite: English 35-36.*

ENGLISH 75-76. *Development of the Drama*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

A survey of the history and development of the drama from its beginnings in the Greek theater to the middle of the twentieth

century. In addition to a study of representative plays, attention will also be given to the physical theater. The first semester: from the beginning to Ibsen; the second semester: Ibsen to the present. (*Not offered 1963-64.*)

ENGLISH 79. *The Short Story*. One semester; 3 periods a week; 3 credits.

A critical reading of a number of short stories selected to illustrate various phases of the genre as developed principally, though not exclusively, by English and American writers.

ENGLISH 87. *Contemporary Fiction*. 1st semester; 3 periods a week; 3 credits.

A study chiefly of British and American fiction since 1900. (*Offered alternate years.*)

ENGLISH 88. *Contemporary Poetry*. 2nd semester; 3 periods a week; 3 credits.

A study chiefly of British and American poetry since 1900. (*Offered alternate years.*)

ENGLISH 89. *History and Development of the English Language*. 2nd semester; 3 periods a week; 3 credits.

An introduction to the historical development of English from Anglo-Saxon to the twentieth century, with consideration of the principal non-English influences.

ENGLISH 90. *Advanced English Grammar*. Offered each semester; 3 periods a week; 3 credits.

Advanced studies in current English grammar required of students preparing to teach English and suggested for others who need additional work in grammar.

ENGLISH 96. *Milton*. 2nd semester; 3 periods a week; 3 credits.

Considered as the chief spokesman of his age. The major prose and poetical works are studied in the light of the times, with special emphasis on *Paradise Lost*. (*Offered alternate years.*)



ENGLISH 99. *Special Studies in English*. Offered each semester; 1 to 3 credits a semester.

Designed to give capable and interested students in English an opportunity to do independent study, under faculty supervision. The student may elect work in (1) a literary type, period, or author; (2) creative writing; or (3) speech. (The enrollment in Eng. 99 is generally limited to students majoring in English who have a high academic standing. Permission to enroll in Eng. 99 must be secured from the head of the department.)

The attention of students, especially those majoring in English, is called to the possibility of enrollment in graduate courses for undergraduate credit. With the approval of the instructor, qualified juniors and seniors may enter English 101, English 120, English 130, English 140, English 150, English 170, English 180, and English 190. Please see the Graduate Program Bulletin for description of these courses.

#### REQUIREMENT OF PROFICIENCY IN ENGLISH

In order to insure the continuous use of good English an examination shall be required of all students in the first semester of their junior year. The successful completion of this examination will be a prerequisite to graduation.

#### BIBLICAL LITERATURE

BIBLICAL LITERATURE 55. *Old Testament*. 1st semester; 3 periods a week; 3 credits.

A study of the history of the Hebrew peoples and the leaders of Israel central to the Bible as a background to the theology of the Old Testament in conjunction with a critical analysis of Old Testament literature.

BIBLICAL LITERATURE 56. *New Testament*. 2nd semester; 3 periods a week; 3 credits.

A study of the Gospels and Epistles of the New Testament including biblical criticism, historical background and basic theology.

#### SPEECH

*Minor*: Two semester hours in General Education (Speech 29); Speech 49; Speech 50; Speech 59; Speech 65; Speech 67 or 68; and Speech 70, a total of 20 hours.

Students majoring in English and desiring a minor in Speech will not be allowed dual credit for Speech courses within the English major. Such students will, with departmental guidance, enroll in other English courses in place of Speech requirements for the major in English.

SPEECH 29. *Voice and Diction*. Offered each semester; 2 periods a week; 2 credits.

This course is planned primarily to develop effective qualities of voice. Much attention is devoted to articulation and diction and poise and confidence in speaking, public and private.

SPEECH 49. *Oral Interpretation*. 2nd semester; 3 periods a week; 3 credits.

Analysis of various forms of literature from the intellectual and the emotional viewpoints; the study of imagery, denotation, connotation, and motivation; the expression of these meanings orally. *Prerequisite: Speech 29, or equivalent.*

SPEECH 50. *Principles of Speech Communication*. 1st semester; 3 periods a week; 3 credits.

Orientation in the areas of speech. Analysis of content and delivery factors in the communication situations.

SPEECH 59. *Public Speaking*. 2nd semester; 3 periods a week; 3 credits.

Study and practice of spoken communication; kinds of public address; the psychology of persuasive speaking.

SPEECH 65. *Introduction to Radio and Television*. 1st or 2nd semester; 3 periods a week; 3 credits.

Orientation to the industries; history and philosophy of these media; federal regulations; general principles of programming, production, and management; survey of equipment and techniques; consideration of closed-circuit and educational television.

SPEECH 67-68. *Dramatic Production and Dramatic Direction*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

A study of the staging and directing of plays.



SPEECH 70. *Speech Correction*. Offered each semester; 3 periods a week; 3 credits.

An introduction to the field of speech correction. Consideration is given to the problems of diagnosis and corrective therapy in clinical and classroom situations. Observation and participation in activities at the Speech and Hearing Clinic.

SPEECH 89. *Speech Correction Practice*. Offered each semester; 3 periods a week; 3 credits.

Designed to give students practice in correcting speech problems; for students in the teaching curricula or students interested in professional work in speech correction; study under supervision in the schools and in the Speech and Hearing Clinic. *Credit is given as Speech 89 or Ed. 90A. Prerequisite: Speech 70, or approval of instructor.*

SPEECH 99. *Special Studies in Speech*. Offered each semester; 1 to 3 credits a semester.

Designed to give capable and interested students in speech an opportunity to do independent study, under faculty supervision. The student may elect work in (1) drama, (2) general speech, or (3) speech correction.

## PHILOSOPHY

PHILOSOPHY 41-42. *Introduction to Philosophy*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

This course seeks to acquaint students with both the history and the characteristic problems of philosophical inquiry. In the first semester special attention is given to the nature of philosophical statements as such and to the nature of the questions they seek to answer. In the second semester important concepts in the development of Western thought are examined in their bearing on ethics, religion, science, and art.

PHILOSOPHY 57. *Logic*. 1st semester; 3 periods a week; 3 credits.

A critical examination of the formal principles of sound reasoning.

PHILOSOPHY 58. *Ethics*. 2nd semester; 3 periods a week; 3 credits.

The nature of ethical discourse, and an examination of selected ethical problems posed in philosophical literature from Plato to the present. *Prerequisite: Phil. 41, or permission of the instructor.*

PHILOSOPHY 69. *Introduction to Political Philosophy*. 1st semester; 3 periods a week; 3 credits.

An examination into the significance of such concepts as nature, labor, public and private well-being, liberty, authority, and justice in representative political philosophies. *Prerequisite: Phil. 41, or permission of the instructor.*

PHILOSOPHY 78. *Studies in Classics of Philosophy*. 2nd semester; 3 periods a week; 3 credits.

Reading and discussion of the chief writings of one or two of the following philosophers: Plato, Aristotle, Aquinas, Descartes, Hume, Kant, Kierkegaard, and Wittgenstein. *Prerequisite: Phil. 41, or permission of the instructor.*

PHILOSOPHY 85. *Modern Philosophy*. 1st semester; 3 periods a week; 3 credits.

An examination of the most important philosophical tendencies since the Enlightenment, with special emphasis upon logical analysis and existentialism in the twentieth century. *Prerequisite: Phil. 41, or permission of the instructor.*

PHILOSOPHY 86. *Philosophy of Religion*. 2nd semester; 3 periods a week; 3 credits.

A systematic examination of the foundations of religious discourse, with extensive reading in the contemporary literature of philosophical theology and particular emphasis on the impact of contemporary thought on religious knowledge. *Prerequisite: Phil. 41, or permission of the instructor.*



## Foreign Languages

MRS. RAUCH, *Head of the Department*

MISS FOY, MR. MARTINEZ, MRS. NEATROUR AND MR.  
STEWART

The Foreign Language Department offers courses in French, German, Latin, Russian, and Spanish.

Majors and minors are offered in French, Latin, and Spanish.

A *major* will consist of four sequences above the elementary level totaling 24 credits. A student earning a major in one foreign language must also earn not less than 12 credits in another foreign language.

A *minor* will consist of three sequences totaling 18 credits.

A language laboratory with two-channel magnetic tape recorders installed in ten individual booths is available to all students in the department.

Placement tests will be given to students offering two or more years of high school study in a foreign language.

### FRENCH

FRENCH 1-2. *Elementary French*. 1st and 2nd semesters; 4 periods a week plus one hour laboratory practice; 3 credits a semester. (Year course.)

A rapid college course of one continuous year for beginners in French, equivalent to two years of high-school work. It consists of grammar, with composition and other written drills; simple conversation; dictation; with regular conjugations and the most important irregular verbs; reading suited for the first year of study. Extensive practice in pronunciation will be done in the language laboratory in two half-hour sessions a week.

FRENCH 31-32. *Intermediate French*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester. (Year course.)

A thorough grammar review, composition, dictation, and conversation. Skills in reading and writing are developed

through easy readings of French Literature. *Prerequisite: Fr. 1-2, or its equivalent.*

FRENCH 55. *Conversation in French and Advanced Composition.* 1st semester; 3 periods a week; 3 credits.

Intensive training in the use and comprehension of modern everyday French with emphasis upon conversation and composition to give the student confidence in expressing himself in simple idiomatic French. *Prerequisite: Fr. 31-32, or two years of college French.*

FRENCH 56. *Introduction to French Civilization.* 2nd semester; 3 periods a week; 3 credits.

A study of French life and culture and the outstanding contributions of France to world civilization. Instruction is largely in French. *Prerequisite: Fr. 31-32, or two years of college French.*

FRENCH 75. *Advanced French Diction and Conversation.* 1st semester; 3 periods a week; 3 credits a semester.

Intensive drill on French sounds, study of intonation in conversation and in the reading of poetry and prose. Continued emphasis upon conversation. *Prerequisite: Fr. 55.*

FRENCH 76. *Advanced Grammar.* 2nd semester; 3 periods a week; 3 credits.

Advanced course in grammar and syntax with extensive practice in composition. *Prerequisite: Fr. 55 and 75, or three years of college French.*

FRENCH 85. *The Romantic Movement.* 1st semester; 3 periods a week; 3 credits.

Follows the main current of French literature during the first half of the 19th Century with special stress upon Victor Hugo, Alphonse de Lamartine, Alfred de Vigny, Alfred de Musset, George Sand and others. Instruction is in French. *Prerequisite: Fr. 55-56, or three years of college French.*

FRENCH 86. *The Realistic Movement.* 2nd semester; 3 periods a week; 3 credits.

Follows the main current of French literature during the second half of the 19th Century with special stress upon the works



of Honore de Balzac, Gustave Flaubert, Alphonse Daudet, Emile Zola, Anatole France and others. Instruction is in French. *Prerequisite: Fr. 55-56, or three years of college French.*

FRENCH 95. *French Classical Theatre.* 1st semester; 3 periods a week; 3 credits.

Moliere, as representative of the French Classical Comedy, and Corneille and Racine, as representatives of the French Classical Drama, will be studied. Instruction is in French. *Prerequisite: Fr. 55-56, or three years of college French. (Not offered 1963-64.)*

FRENCH 96. *French Literature of the Twentieth Century.* 2nd semester; 3 periods a week; 3 credits.

Such modern French writers as Jules Romain, George Duhamel, Andre Maurois, J. Paul Sartre, Albert Camus and others will be studied. Instruction is in French. *Prerequisite: Fr. 55-56, or three years of college French. (Not offered 1963-64.)*

## GERMAN

GERMAN 1-2. *Elementary German.* 1st and 2nd semesters; 4 periods a week plus one hour laboratory practice; 3 credits a semester. (Year course.)

An introductory course designed to enable students to master the fundamentals of grammar; ample practice for reading, speaking, and writing German. Progressive readers are introduced early in the course; simple conversations on everyday topics. Extensive practice in pronunciation will be done in the language laboratory in two half-hour sessions a week.

GERMAN 31-32. *Intermediate German.* 1st and 2nd semesters; 3 periods a week; 3 credits a semester. (Year course.)

Brief grammar review. Skills in reading and writing German are developed. Progressive contemporary cultural readings and an elementary survey of German literature; exercises in simple composition; conversations based on everyday topics. Outside readings. *Prerequisite: Ger. 1-2, or its equivalent.*

GERMAN 55. *Conversation in German and Advanced Composition.* 1st semester; 3 periods a week; 3 credits.

Thorough training in the use and comprehension of everyday German. Intensive readings in prose and poetry. Compositions based on literature and original topics. *Prerequisite:* Ger. 31-32, or two years of college German.

GERMAN 56. *Survey of German Literature and Civilization.* 2nd semester; 3 periods a week; 3 credits.

A survey of the history of German literature and civilization. Readings from representative authors with main emphasis on classical literature. Lectures, discussions, oral reports. *Prerequisite:* Ger. 31-32, or two years of college German.

### LATIN

LATIN 1-2. *Elementary Latin.* 1st and 2nd semesters; 4 periods a week plus one hour laboratory practice; 3 credits a semester. (Year course.)

The structural approach is used. This course covers the elementary work regularly included in the first two years of high-school Latin, stressing the fundamentals of Latin grammar and the reading of easy Latin prose including graded selections from Caesar. Word study in relation to English. Introduction to Roman life and culture. This course is designed also to have positive value for students in other departments who feel the need of a foundation in Latin. Students have an opportunity to listen to spoken Latin and to practice grammatical patterns in the language laboratory in two half-hour sessions a week.

LATIN 31-32. *Intermediate Latin.* 1st and 2nd semesters; 3 periods a week; 3 credits a semester. (Year course.)

A thorough review of Latin grammar and composition. Easy readings from Roman historians, the Bible, and medieval writers. Selection from Vergil's Aeneid. Outside readings in Roman literature. *Prerequisite:* Lat. 1-2, or its equivalent.

LATIN 51-52. *Prose and Poetry of the Republic.* 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

Prose selections from Cato, Varro, Caesar, Sallust, Nepos, Livy, and the philosophical works of Cicero; poetry selections



from Ennius, Plautus, Terence, Lucretius, Catullus, Vergil: *Georgics and Eclogues*; collateral reading in Roman culture. *Prerequisite: Lat. 31-32, or two years of college Latin.*

LATIN 81-82. *Prose and Poetry of the Empire.* 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

Prose selection from Seneca, Petronius, Quintilian, Tacitus, Pliny, Suetonius; poetry selections from Horace, Propertius, Ovid, Martial, Juvenal; collateral reading in Roman history; advanced prose composition; the public and private life of the Romans. *Prerequisite: Lat. 31-32, or two years of college Latin. (Not offered 1963-64.)*

LATIN 95. *Advanced Syntax and Composition.* 1st semester; 3 periods a week; 3 credits.

A review of the principles of syntax. Exercises in prose composition. Intensive readings in classical Latin. *Prerequisite: Latin 31-32, or three years of college Latin.*

LATIN 96. *Selected Readings from Latin Literature.* 1st semester; 3 periods a week; 3 credits.

Intended to supplement the student's readings in the most important works of classical and medieval literature. Subject matter adapted to the needs of the individual students. *Prerequisite: Latin 31-32, or three years of college Latin.*

## RUSSIAN

RUSSIAN 1-2. *Elementary Russian.* 1st and 2nd semesters; 4 periods a week plus one hour laboratory practice; 3 credits a semester. (Year course.)

A study of the fundamentals of the Russian language. Oral practice, hearing and reading comprehension, the grammar necessary for simple spoken and written expression. Extensive practice in pronunciation will be done in the language laboratory in two half-hour sessions a week.

RUSSIAN 31-32. *Intermediate Russian.* 1st and 2nd semester; 3 periods a week; 3 credits a semester (Year course.)

A thorough review of grammar. Vocabulary building, conversation, written exercises and reading. *Prerequisite: Russian 1-2, or its equivalent.*

## SPANISH

SPANISH 1-2. *Elementary Spanish*. 1st and 2nd semesters; 4 periods a week plus one hour laboratory practice; 3 credits a semester. (Year course.)

This course includes a study of the essentials of Spanish grammar giving particular attention to common irregular verbs. Frequent conversation, short compositions and dictation based on graded Spanish readers. Extensive practice in pronunciation will be done in the language laboratory in two half-hour sessions a week.

SPANISH 31-32. *Intermediate Spanish*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester. (Year course.)

Review of grammar and the Spanish idiom; dictation, frequent compositions and conversation based on subjects treated in advanced Spanish readers. *Prerequisite: Sp. 1-2, or its equivalent.*

SPANISH 55. *Conversation in Spanish and Composition*. 1st semester; 3 periods a week; 3 credits.

This course is designed to give students confidence and fluency in the use of the language. Original compositions and parallel reading will be discussed entirely in Spanish. Extemporaneous dialogues and skits will be used as the basis for conversation. *Prerequisite: Sp. 31-32, or two years of college Spanish.*

SPANISH 56. *Hispanic Civilization*. 2nd semester; 3 periods a week; 3 credits.

The aim in this course is to give the student factual information leading to a better understanding of the contributions made by Spain and Hispanic America to Western Civilization. Lecture course conducted largely in Spanish. *Prerequisite: Sp. 31-32, or two years of college Spanish.*

SPANISH 75. *Advanced Conversation and Composition*. 2nd semester; 3 periods a week; 3 credits.

This course will consist of intensive drills in conversation using natural idiomatic Spanish in the discussion of topics of



general cultural interest. Advanced written compositions will be required. *Prerequisite: Sp. 55.*

SPANISH 85. *Realism in the Spanish Novel of the 19th Century.* 1st semester; 3 periods a week; 3 credits.

A careful study of the works by such authors as Juan Valera, Perez Galdos, Jose Maria de Pereda and Ricardo Leon. This course is conducted largely in Spanish. *Prerequisite: Sp. 55-56.* (Not offered 1963-64.)

SPANISH 86. *Novel of the Early 20th Century.* 2nd semester; 3 periods a week; 3 credits.

This is a study of the works of the authors of the so called generation of '98 such as Perez de Ayala, Azorin, Pio Baroja and Valle Inclan. Course conducted largely in Spanish. *Prerequisite: Sp. 55-56.* (Not offered 1963-64.)

SPANISH 95. *The Novel of the Golden Age.* 1st semester; 3 periods a week; 3 credits.

This is a study of the evolution of the novel in this early period with special emphasis on Don Quijote and the picaresque novel. Course conducted largely in Spanish. *Prerequisite: Sp. 55-56.*

SPANISH 96. *Drama of the Golden Age.* 2nd semester; 3 periods a week; 3 credits.

Representative authors and plays of this period will be studied in this course. Reports and discussions in class will be largely in Spanish. *Prerequisite: Sp. 55-56.*

#### DEPARTMENTAL COURSE

FOREIGN LANGUAGE 89. *Foreign Language Seminar.* 1st semester; 3 periods a week; 3 credits.

Prospective modern foreign language and Latin teachers will become acquainted with the materials (records, tapes, books, films, etc.) available in the field. Problems in the teaching and administration of foreign language programs on the elementary and secondary level will be analyzed. Techniques in the use of a foreign language laboratory, audio-visual aids, selection of

textbooks, the application of linguistics, and cultural instruction will be discussed. Observations and instructional films. This course is not part of the major-minor requirements, though strongly recommended. (*Not offered 1963-64.*)

## Music

MR. BUCHER, *Head of the Department*

MR. ANDERSON, MISS BURAU, MR. HICKS, MISS ININGER, MR. LELAND, MRS. MACE, MR. MARSHALL, MISS SCHNEIDER, MR. SIDORFSKY, MR. SMITH, AND MR. WATKINS

The Department of Music is organized for three purposes: (1) to prepare students to teach vocal and instrumental music in the public schools; (2) to provide a thorough training for musically gifted students whose goal is professional music and who wish to build a solid foundation for advanced study; (3) to combine music with academic studies in a broad basis for a college education.

In Curriculum VI (see pages 108-109) a student may offer 66 credits in Music and Music Education courses toward the *Bachelor of Music Education degree*. In Curriculum XII (see pages 126-127) 81 credits in music may be offered toward the *Bachelor of Music degree*. A *Music Major* of 24 credits or more is allowed in Curricula VII and VIII. In addition there are several non-specialized music courses which students from any department may elect, and students from any curriculum may take private music lessons for college credit.

*Music Education Majors:* The Bachelor of Music Education degree qualifies the student for certification to teach in the public schools of Virginia and most other states. The course of study follows the outline of Curriculum VI. Each student must select a principal or major performing medium and a minor performing medium. Those choosing choral music as the area of emphasis within Curriculum VI will select voice, piano or organ as the major performing medium while those choosing instrumental music as the area of emphasis will select an instrument of the orchestra or band. Candidates for the Bachelor of Music



Education degree must complete minimum requirements in the major area as shown under applied music. The minor performing medium may be chosen from other areas of applied music except that instrumental majors must take a minimum of one year of private voice lessons as a minor. All students preparing to teach in the public schools must also meet minimum piano requirements to qualify for student teaching.

*Bachelor of Music Majors:* The Bachelor of Music degree provides the student with the foundation for a professional career, for private teaching of his chosen instrument, and in the case of organ and voice majors for a church ministry of music. Each student pursuing this course will choose a performance concentration—piano, voice, organ or one of the instruments of the orchestra or band—and will follow the course of study as outlined under Curriculum XII. In the first two years of this course it may be desirable for students to choose both a major and a minor performing medium. This will be determined by the student in conference with his adviser.

*Choice of Curriculum:* The decision to enter Curriculum VI or Curriculum XII should rest on the use which the student wishes to make of his musical preparation and not only on his ability in musical performance. Music Education students frequently excel in musical performance, and find this ability of great value in a teaching career.

*Prerequisites:* It is assumed that a student choosing to major in music or music education will have sufficient musical talent to indicate promise in his chosen field and that he will have had the necessary background and experience in the performance medium which he elects for his major. Each entering student will have, at the opening of school, a brief audition with a committee from the music faculty to evaluate his qualifications and to determine placement in major and minor performing areas.

*Recitals:* Students in the Bachelor of Music Curriculum are required to take part in departmental recitals throughout the four years, to give a joint recital in the junior year and a full recital in the senior year. Bachelor of Music Education students are also required to participate in departmental recitals and are encouraged, if they show outstanding achievement, to give a

joint recital during the senior year. All music majors may qualify through outstanding performance achievement, for an "Honors" recital,<sup>1</sup> a full recital program given in the senior year.

All music majors are expected to attend faculty and student recitals.

*Special Regulation:* No student in the department of music may appear as a representative of the college in a public or broadcast performance except with the recommendation of his teacher and approval of the chairman of the department of music.

MUSIC 11-12. *Theory I*. 1st and 2nd semesters; 5 periods a week; 4 credits a semester. (Year course.)

An integrated course for the development of basic musicianship. Music reading in unison and parts, scale construction, rhythm and interval work, melody writing, dictation, keyboard harmony, and a study of triads, inversions, primary and secondary chords, embellishments, modulation to closely related keys, and musical form. Analytical listening, using simpler master compositions.

MUSIC 30. *Music in General Culture*. Offered each semester; 4 periods a week; 3 credits.

This course aims to increase the variety and depth of the student's interest in music and related cultural activities. It seeks to stress the relation of music as an art to our daily lives and music's place in society, to promote an understanding of the spirit of the art which will lead to the emotional and aesthetic development of the individual, and to enable him to enjoy intelligent listening.

MUSIC 33-34. *Theory II*. 1st and 2nd semesters; 5 periods a week; 4 credits a semester. (Year course.)

A continuation of Theory I, with the addition of chromatic alterations, and non-harmonic tones. Harmonic and form analysis of master compositions. The linear as well as the harmonic aspect of music is stressed. Most of the second semester is

<sup>1</sup>Music students may also participate in the College Honors Program, which recognizes phases of excellences other than musical performance. See page 77.



devoted to the study of elementary contrapuntal techniques. Creative work in smaller forms is encouraged.

MUSIC 45pi-46pi. *The Teaching of Piano*. 1st and 2nd semesters; 2 periods a week; 1 credit a semester.

Procedures and materials for the teaching of piano individually, especially to children, the first semester; the teaching of piano in classes, the second semester.

MUSIC 45v-46v. *The Teaching of Voice*. 1st and 2nd semesters; 2 periods a week; 1 credit a semester.

Materials and techniques for the teaching of voice. The first semester will deal with private voice teaching, the second semester with the teaching of class voice.

MUSIC 50. *Music Appreciation*. 2nd semester; 3 periods a week; 3 credits.

An enriching, cultural course, planned for the general student. Various types of forms of music, in advance of those studied in Music 30, will be used for listening and analysis. *Prerequisite: Music 30, or its equivalent.*

MUSIC 51-52. *Music History*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester. (Year course.)

The development of music from its beginning with emphasis on Polyphonic, Classical and Romantic Schools. Some attention is given to twentieth-century music. This course is basic for music majors and is open to students in all curricula. *Prerequisites: Music 30, Music 11 and 12.*

MUSIC 55b-56b. *Instrumental Music (Brass)*. 1st and 2nd semesters; 2 periods a week; 1 credit a semester.

Class instruction in playing the brass instruments. Methods and materials for class teaching.

MUSIC 55p. *Instrumental Music (Percussion)*. 2nd semester; 2 periods a week; 1 credit a semester.

Class instruction in playing the percussion instruments, band marching, parading, and the training of drum majors. Methods and materials for class teaching.

MUSIC 55s-56s. *Instrumental Music (Strings)*. 1st and 2nd semesters; 2 periods a week; 1 credit a semester.

Class instruction in playing the string instruments. Study of the violin as the basic instrument followed by the viola, cello and bass. Methods and materials for string class teaching.

MUSIC 55W-56W. *Instrumental Music (Woodwind)*. 1st and 2nd semesters; 2 periods a week; 1 credit a semester.

Class instruction in playing woodwind instruments. Methods and materials for class teaching.

MUSIC 65-66. *Counterpoint*. 1st and 2nd semesters; 2 periods a week; 2 credits a semester.

Tonal counterpoint. Two, three and four voice forms, florid counterpoint. Elementary imitative techniques. Form analysis. *Music 65 is prerequisite to Music 66.*

MUSIC 75-76. *Form and Analysis*. 1st and 2nd semesters; 2 periods a week; 2 credits a semester.

A review of the small structural elements—the section, phrase, periods, irregular phrases, binary, and ternary form. The study of larger song forms, the sonata form, rondo and fugue. Harmonic analysis of classic, romantic, and modern compositions. *Music 75 is prerequisite to Music 76.*

MUSIC 77-78. *Conducting*. 1st and 2nd semesters; 2 periods a week; 1 credit a semester.

To acquaint and prepare prospective music teachers with techniques and practices in conducting bands, orchestras, choral groups and in leading assembly and community groups in singing. (*Vocal, 1st semester; instrumental, 2nd semester.*)

MUSIC 85-86. *Orchestration*. 1st and 2nd semesters; 2 periods a week; 2 credits a semester.

Arranging for ensembles, band and orchestra. *Music 85 is prerequisite to Music 86.*

MUSIC 90. *Contemporary Music*. 1st semester; 2 periods a week; 2 credits.

A survey, through directed listening, of the trends found in



twentieth-century music, stressing appreciative rather than technical aspects.

MUSIC 95-96. *Composition*. 1st and 2nd semesters; 2 periods a week; 2 credits a semester.

Original composition, arranging and orchestrating. Students may advance as rapidly as their time and talent permit.

### MUSIC EDUCATION COURSES

MUSIC EDUCATION 67. *Music for Children*. Offered each semester; 4 periods a week; 3 credits.

A study of the musical responses and needs of elementary children and of appropriate experiences that can be provided them through the cooperative efforts of the special music teacher and the classroom teacher. Materials for elementary music. Provision will be made for the individual differences existing between teachers, pupils, and types of schools. Particular attention will be given to the use of records for the teacher who does not sing or play the piano.

MUSIC EDUCATION 68. *Music for Youth*. 2nd semester; 3 periods a week; 3 credits.

The place of music in the cultural education of adolescents; relationships of school and community music; the teaching of choral music, of instrumental music, and of general and specialized music offerings. The use of standardized music tests; the place of public music performances. Administration of music; housing and equipment for music offerings.

### Individual Instruction: Applied Music

Students may begin the private study of music or continue at their level of achievement. All who desire private lessons should confer with the head of the music department before registering. For information concerning fees see pages 227-228 of this catalog.

The following should guide students in their choice of a major area:

1. While not absolutely necessary in the case of instrumental majors, it is desirable that all students have at least an acquaintance with and elementary knowledge of the piano.
2. They should have a reliable fundamental technique which will enable them to achieve adequately at least the minimum requirements given for the various major areas.
3. They should be acquainted with elementary standard technical studies and with preparatory-level literature in the major area.

All music majors—students in Curricula VI and XII, music majors in Curricula VII and VIII and Curriculum I students with a concentration in music—must pass a short examination in their principal and minor areas of applied music each semester, this examination to be given by a jury of the music faculty. The jury will be concerned with musical understanding and quality of performance rather than mere difficulty of the music.

Courses in music follow. Substitute in place of "applied music" the area in which you register for instruction: piano, voice, organ, etc. Requirements shown are *Minimum requirements for graduation*; students may progress as quickly and as far as their interests and ability permit.

APPLIED MUSIC 5-6 (first year); 35-36 (second year); 65-66 (third year); 85-86 (fourth year); 87-88 (fifth year). One half-hour lesson a week. Three hours minimum practice per week. One credit each semester.

APPLIED MUSIC 15-16 (first year); 45-46 (second year); 75-76 (third year); 95-96 (fourth year); 95A-96A (fifth year). Two half-hour lessons a week. Six hours minimum practice per week. Two credits each semester.

APPLIED MUSIC 17-18 (first year); 47-48 (second year); 77-78 (third year); 97-98 (fourth year). Two half-hour lessons a week. Nine hours minimum practice per week. Three credits each semester. Open to B.M. students only.



APPLIED MUSIC 19-20 (first year); 49-50 (second year); 79-80 (third year); 99-100 (fourth year). Two half-hour lessons a week. Twelve hours minimum practice per week. Four credits each semester. Open to B.M. students only.

## PIANO

*B.M.E. Program, minimum requirements:* scales four octaves, hands together in graduated tempi; technical studies to meet individual needs, e. g. Hanon or Cramer. Works from Baroque, Classical, Romantic and Contemporary eras. Sight reading of simple classics. Participation in piano class and departmental recitals.

*B.M. Program, minimum requirements:* B.M.E. requirements listed above plus the following: scales continued in greater degrees of velocity; advanced technical studies. Intensified concentration on standard repertoire with emphasis on larger forms, especially the sonata. Bach well-tempered clavier, Chopin Etudes, Brahms works and other repertoire pieces of advanced grade. The senior recital may include a standard concerto and other major works as well as short recital pieces.

## VOICE

*B.M.E. Program, minimum requirements:* Building of sound vocal technique with the use of appropriate material for various stages of development. Representative standard vocal literature of all periods and styles—Lieder, Oratorio and Opera—to be studied in English and in the original language. The literature studied each year is necessarily dependent upon the level of technical and musical development.

*B.M. Program, minimum requirements:* B.M.E. requirements listed above plus the following: thorough knowledge of traditional vocalizes; wide acquaintance with a wide range of song literature; thorough familiarity with representative major choral works and experience in performance of arias from these works. The program of the senior recital should include these works as well as Art Songs and shorter recital pieces.

## ORGAN

*B.M.E. Program, minimum requirements:* Organ technique and registration; studies of the type of Stainer's "The Organ" or Dickinson's "The Art and Technique of Organ Playing"; works of medium difficulty from Baroque, Classical and Contemporary composers.

*B.M. Program, minimum requirements:* B.M.E. requirements listed above plus the following: transposition; open score reading; improvisation; repertoire works of the type of the Bach C minor Passacaglia and Fugue and the G minor Fantasia and Fugue, Franck Chorales, Widor and Vierne Symphonies; works of Sowerby, Karg-Elert and other contemporary composers. Accompanying for larger choral works. Representatives of these works, as well as shorter recital pieces, will be included in the senior recital.

## VIOLIN

*B.M.E. Program, minimum requirements:* Scales and arpeggi, major and minor, in three octaves; double stop scales; appropriate technical studies from Kreutzer, Fiorillo and/or Dont op. 37. Concertos such as Nardini E minor, Viotti no. 22, Spohr and Bach. Sonatas of the old Italian masters and of Handel and Mozart. Recital pieces. Chamber music study.

*B.M. Program, minimum requirements:* B.M.E. requirements listed above plus the following: Scale studies from Flesch; studies from Rovelli, Rode, Dancla (brilliant); Wieniawski Caprices; Bach solo sonatas. The senior recital program will consist of a major concerto, a sonata with piano, and two movements from a Bach solo sonata or a group of short recital pieces.

## OTHER BAND AND ORCHESTRAL INSTRUMENTS

*B.M.E. Program, minimum requirements:* Embouchure and tone development; techniques applicable to the instrument; scales and arpeggi, major and minor; standard technical



studies. Sonatas, concerti and repertoire pieces of medium difficulty. Ability to participate in standard orchestral literature.

*B.M. Program, minimum requirements:* B.M.E. requirements listed above plus the following: advanced technical study; competent performance of sonatas, concerti and repertoire pieces of standard grade for the instrument. Ability to hold first chair in symphonic works. The senior recital will include representative major works for the instrument.

### MUSIC ENSEMBLES

All music majors are required to participate in some music ensemble throughout their four years of study. Students not majoring in music may register for the following courses, but they should consult with the director of the organization before registering.

BAND 9 (First Year); 39 (Second Year); 59 (Third Year); 79 (Fourth Year). 2 periods a week; 1 credit a year. (Year course.)

The purpose of the organization is to acquaint students with a wide variety of band music, including much that is suitable for use with high-school groups, and through the playing of this to develop ensemble techniques, music reading power, and general musicianship. For the benefit of the music majors who will become teachers, the techniques of the marching band will also be studied along with organization procedures used by the band leaders in the public schools.

CHAMBER MUSIC 9 (First Year); 39 (Second Year); 59 (Third Year); 79 (Fourth Year). 2 periods a week; 1 credit a year. (Year course.)

Chamber music study is required of all string majors and is to be considered an integral part of their applied music course. Trios and quartets of Haydn, Mozart, Beethoven, Mendelssohn, Schubert, Tchaikowsky, Dvorak. Quintets of Mozart, Schumann, Brahms, Franck and others. Contemporary works. Other chamber music combinations may be formed as need arises.

CHORAL ENSEMBLE 9 (First Year); 39 (Second Year); 59 (Third Year); 79 (Fourth Year). 2 periods a week; 1 credit a year. (Year course.)

This is a group limited to about fifteen mixed voices. Students are admitted by individual audition. The repertoire emphasizes madrigals; 17th and 18th century ensemble literature, secular and sacred; and the intimate type of cantata and operetta.

CHORUS 9 (First Year); 39 (Second Year); 59 (Third Year); 79 (Fourth Year). 2 periods a week; 1 credit a year. (Year course.)

The purpose of the organization is to acquaint students with a variety of choral music, including much that is suitable for use with school groups, and through the singing of this to develop choral techniques and general musicianship.

CONCERT CHOIR 9 (First Year); 39 (Second Year); 59 (Third Year); 79 (Fourth Year). 3 periods a week; 1 credit a year. (Year course.)

The choir is an activity to which students are admitted by individual tests. A "C" average is required as a minimum for membership. Music majors who are admitted will not be required, but will be encouraged, to participate in other choral activities. (This course may be taken without credit.)

ORCHESTRA 9 (First Year); 39 (Second Year); 59 (Third Year); 79 (Fourth Year). 3 periods a week; 1 credit a year. (Year course.)

The purpose of the organization is to acquaint students with much orchestra music, and through the playing of this, to develop ensemble techniques, music reading, and general musicianship. In addition to the opportunities for public appearances that are provided on the campus, trips are made throughout the State. The orchestra is open to all students who have sufficient ability to play the music being studied.



## Division of the Natural Sciences

MR. IKENBERRY, *Director*

The Division of the Natural Sciences is composed of the Departments of Biology, Chemistry, Geology, Mathematics, Physics, and Physical and Health Education. The Division, in addition to departmental majors, also offers a Divisional *major* in Science for those students who wish to obtain a broad background in science. It is particularly designed for high school science teachers. The *minor* requirement of the various curricula is waived for students majoring in science according to this plan.

The requirements for a *major* in Science are as follows:

1. At least 4 semester hours in each of the departments; Biology, Chemistry, Geology, and Physics.
2. A maximum of 18 semester hours in any one of the departments: Biology, Chemistry, or Physics may be counted toward the 48 required hours of this major.
3. Mathematics 17-18.
4. Science 95-96 (Required only in Curricula II and III).
5. Other courses in Biology, Chemistry, Geology, Physics to total 48 hours.

A *minor* in General Science includes one year or 6 credits in each of three of the following: biology, chemistry, geology, or physics. Two semester hours of Science 95-96 are also required in Curricula II and III.

## INTERDEPARTMENTAL SCIENCE COURSES

In addition to the course offerings of the various departments, the Division of the Natural Sciences offers the following courses which are interdepartmental in content and staff:

PHYSICAL SCIENCE 10. *General Physical Science*. Offered each semester; 1 double and 3 single periods a week; 4 credits.

A course designed to help students gain a better understanding and appreciation of their physical environment. Emphasis will be given to the background and development of some of the important concepts and ideas in the fields of astronomy, chemistry, geology, and physics. Related laboratory work is included.

SCIENCE 50. *Science in the Elementary School*. Offered each semester; 3 single and 1 double period a week; 4 credits.

A science course which deals with the methods, materials, and literature of biological and physical science in the elementary school. The laboratory work consists of activities selected jointly by the students and the instructors on the basis of value for elementary school teaching.

SCIENCE 95-96. *Seminar for Science Teachers*. 1st and 2nd semesters; 2 lecture periods a week; 2 credits a semester.

Centers about problems encountered in teaching general science, biology, chemistry, physics, and geology. Students will work on selected problems in these fields using reports, discussions, demonstrations, audio-visual aids, and other instructional materials. The use of a variety of laboratory techniques and the improvising of laboratory equipment will be stressed.

Opportunities will be provided for working with teachers and pupils in the public schools. One semester is required for students in Curriculum II or Curriculum III who major or minor in general science, biology, chemistry, or physics.



## Biology

MR. MENGBIER, *Head of the Department*

MR. FERRY, MR. FISHER, MR. GRAVES, MR. GRIMM, MISS JENKINS, MR. W. JONES AND MISS PLEASANTS

The minimum requirement for a major in biology is thirty semester hours beyond the General Education Requirement. In order that all majors may become conversant with the modern trends and concepts of biology, courses must be chosen in the areas of (1) cellular and regulatory biology (2) genetics and developmental biology, and (3) ecological and evolutionary biology. Balanced programs of studies in these significant aspects of plant and animal life will be designed to meet the needs of the student through consultations with departmental advisers.

Biology 10-20 and Biology 75-76 are required for the major. All biology majors will be required to take Chemistry 1-2 and a minimum of 4 semester hours of physics. Course work in geology and foreign languages is highly recommended.

Students planning to teach must meet the state and college requirements in professional education. Psychology 33-34 must be taken in the sophomore year, Education 60 and 70 in the junior year, and Education 80 and 90 in the senior year. It is the responsibility of each student planning to enter teaching to schedule these required courses in the proper year and to make arrangements for student teaching with the Director of Laboratory School Experiences.

Students planning to enter schools of Medical Technology should elect Biology 70.

**BIOLOGY 10.** *General Biology.* Offered each semester; 2 lecture and 2 laboratory periods a week; 4 credits.

A beginning course which stresses the fundamental principles of life with emphasis on contemporary living. Consideration is given to the composition, structure, and organization of living bodies—cells, tissues, organs, systems and organisms.

The major systems of the human being are studied with emphasis given to reproduction and heredity. Required of all students.

**BIOLOGY 20.** *General Biology.* Offered each semester; 2 lecture and 2 laboratory periods a week; 4 credits.

A survey of the plant and animal kingdoms. The structure, function and taxonomy of representative forms will be emphasized. Required of all biology majors and minors. *Prerequisite:* Bio. 10.

**BIOLOGY 27.** *Human Physiology.* Offered each semester; 1 laboratory and 2 lecture periods a week; 3 credits.

Emphasis is placed upon the functions of the muscular, circulatory, respiratory, digestive, excretory, and endocrine systems of the human body. Recommended for students in teaching, and for students preparing for medical technology or nursing. *Prerequisite:* Bio. 10.

**BIOLOGY 28.** *Bacteriology.* Offered each semester; 2 laboratory and 2 lecture periods a week; 4 credits.

Designed to give the student a general understanding and appreciation of bacteria and related fungi. This is a basic course for pre-nursing, home economics, and pre-medical technology students. Elective to others. *Prerequisite:* Bio. 10.

**BIOLOGY 28N.** *Bacteriology.* 2nd semester; 1 laboratory and 2 lecture periods a week; 3 credits.

A basic course for student nurses emphasizing the relationship of bacteria and related fungi to problems of disease. *Open only to student nurses of Rockingham Memorial Hospital.*

**BIOLOGY 29.** *Human Anatomy.* 1st semester; 2 lecture and 2 laboratory periods a week; 4 credits.

An introduction to the study of human anatomy with particular emphasis on the skeletal, muscular, circulatory, endocrine, and nerve systems. The laboratory animal is the cat, with emphasis on careful and accurate dissection. All laboratory quizzes are practical examinations. Required of students preparing for nursing and for physical education majors. *Prerequisite:* Bio. 10.



BIOLOGY 30. *General Botany*. 2 lecture and 2 laboratory periods a week; 4 credits.

A one-semester course dealing with the development, structure, and function of higher plants and their relations to animals. Man's dependence upon plants and the many ways they serve him are emphasized. *Prerequisite: Bio. 10-20.*

BIOLOGY 37. *Invertebrate Zoology*. 1st semester; 2 lecture and 1 laboratory period a week; 3 credits.

A systematic study of the various invertebrate phyla including the study of morphology, classification, life histories, and phylogenetic relationships. Intended to give the student an appreciation of the structural body plan of the animal kingdom as it unfolds and progresses from the simple to the more complex. *Prerequisite: Bio. 10-20.*

BIOLOGY 38. *Vertebrate Zoology*. 2nd semester; 2 lecture and 1 laboratory period a week; 3 credits.

A general cultural course designed to give the student a better appreciation of the organism as a biological concept and of its fundamental plan of organization. Emphasis is placed upon the gradual unfolding of the evolutionary blueprint of the animal kingdom. *Prerequisite: Bio. 10-20.*

BIOLOGY 60. *Comparative Vertebrate Anatomy*. 1 lecture and 2 laboratory periods a week; 4 credits a semester.

A comparative study of the organ systems of *Amphioxus*, *Balanoglossus*, dogfish, and the cat. Emphasis is upon careful and accurate dissection. All laboratory quizzes are practical examinations. Recommended for students preparing for medicine and for biology majors. *Prerequisite: Bio. 10-20.* (Offered 1964-65.)

BIOLOGY 66. *Paleontology*. 2nd semester; 1 laboratory and 2 lecture periods a week; 3 credits.

An introduction to the life of past geological ages by a study of the fossilized remains of ancient plants and animals. Consideration is given to the morphology, classification, evolution, and phylogenetic relationships of the Protista, Plant and

Animal Kingdoms from a study of fossils. This course may be applied towards a major in biology. *Prerequisites: Bio. 10-20 and Geol. 1-2 (Geol. 2 may be taken concurrently). (Offered 1962-63 and alternate years thereafter.)*

BIOLOGY 68. *Field Botany*. 2nd semester; 1 laboratory and 2 lecture periods a week; 3 credits.

This course will acquaint students with the local flora found on the Madison College campus and in surrounding areas. Factors affecting the range and growth of plants will be discussed. *Prerequisite: Bio. 10-20.*

BIOLOGY 69. *Field Zoology*. 1st semester; 1 laboratory and 2 lecture periods a week; 3 credits.

A study of the classification, habits, and habitats of local fauna. *Prerequisites: Bio. 10-20 and Bio. 37.*

BIOLOGY 70. *Biological Techniques*. 2nd semester; 1 lecture and 2 laboratory periods a week; 3 credits.

A course planned to meet the requirements for those preparing for medical technology. Primarily a laboratory course, concerned with the proper use and care of the microscope, the camera lucida, and the microtome. The emphasis is upon the preparation of slides of normal tissues, and of whole mounts and sections of materials for zoology, and botany. *Prerequisite: Bio. 10-20.*

BIOLOGY 75. *History of Biology*. 1st semester; 2 lecture periods a week; 2 credits.

A survey of the impact of biological thought, progress, and philosophy on the historical development of our civilization. Required for students majoring in biology. *Prerequisite: Bio. 10-20.*

BIOLOGY 76. *Theories of Biology*. 2nd semester; 2 lecture periods a week; 2 credits.

An examination of the place of theoretical thought in Biology. The concept of phylogenetic relationships as expressed through organic evolution will be stressed. *Prerequisite: Bio. 10-20.*



BIOLOGY 80. *Introduction to Plant Physiology*. 2nd semester; 1 lecture and 2 laboratory periods a week; 3 credits.

Practical aspects of fundamental life processes of plants involving physiological, structural, and environmental relationships. *Prerequisites: Bio. 30 and Chem. 1-2.*

BIOLOGY 85. *Cellular Physiology*. 3 lecture and 1 laboratory period a week; 4 credits.

The study of physico-chemical relationships as they apply to cell function. *Prerequisites: Chem. 35-36.*

BIOLOGY 87. *Genetics*. 1st semester; 1 laboratory and 2 lecture periods a week; 3 credits.

A study of the simpler facts and elementary principles of biological inheritance, with emphasis on human heredity. Class discussions and laboratory experiments. Recommended for students preparing to teach, and for students desiring a major or minor in biology. *Prerequisite: Bio. 10-20. Recommended antecedents: Bio. 30, Bio. 37-38, and Math. 17-18.*

BIOLOGY 88. *Vertebrate Embryology*. 2nd semester; 1 laboratory and 2 lecture periods a week; 3 credits.

An introduction to the comparative developmental anatomy of the vertebrates, including the human. Recommended for students who are majoring or minoring in biology, students preparing to teach, and for students preparing for medicine, medical technology, or nursing. *Prerequisite: Bio. 10-20.*

BIOLOGY 90. *General Entomology*. 2 lecture and 1 laboratory period a week; 3 credits.

A laboratory and field study of the common insects, their morphology, life histories, and their relationship to plants, animals, and man. Collection, identification, and preservation of local insects by standard methods.

BIOLOGY 97-98. *Problems in Biology*. One or two credits a semester.

An undergraduate research course in one of the fields of biology. Open, with permission of the head of the department, to seniors who have adequate preparation.

## Chemistry

MR. CHAPPELL, *Head of the Department*

MR. COOL AND MR. PARTLOW

A *major* in chemistry will include 30 semester hours subject to the approval of the head of the department. A *minor* in chemistry will include 18 semester hours subject to the approval of the head of the department.

Two or more years of college mathematics, one or two years of college physics, and some work in college biology are recommended for students who intend to major in chemistry.

CHEMISTRY 1-2. *General Chemistry*. 1st and 2nd semesters; 1 double and 3 single periods a week; 4 credits a semester. (Year course.)

Fundamental principles of chemistry are studied, with emphasis on the application of these principles to daily living. A detailed study of some of the non-metallic elements is made during the first semester. The second semester includes a brief introduction to the chemistry of carbon and some of its compounds; also a study of the metals, many of their compounds, and their industrial manufacture and uses.

CHEMISTRY 9. *Chemistry in the Modern World*. Offered each semester; 1 double and 3 single periods a week; 4 credits.

An introductory chemistry course which covers some of the fundamental principles and popular topics of modern chemistry which are of interest and use to the individual.

CHEMISTRY 10N. *Chemistry for Students of Nursing*. 1st semester; 1 double and 3 single periods a week; 4 credits.

General principles of chemistry and a brief study of inorganic substances. Study of the nature of solutions, colloidal suspensions, aqueous solutions of acids, bases, and salts, oxidizing agents, etc. General properties of carbon compounds and physiological and pathological chemistry. The emphasis is on those phases of chemistry which are of interest and value to students of nursing. *Open only to student nurses of Rockingham Memorial Hospital.*



CHEMISTRY 35. *Organic Chemistry*. 1st semester; 2 double and 2 single periods a week; 4 credits.

Includes work on aliphatic, aromatic, heterocyclic, and other important kinds of organic compounds. Type reactions, probable structure, and theories of organic reactions are stressed. Typical carbon compounds are prepared in the laboratory and their properties are studied. *Prerequisite: Chem. 1-2.*

CHEMISTRY 36. *Organic Chemistry*. 2nd semester; 2 double and 2 single periods a week; 4 credits.

A continuation of Chemistry 35, with more emphasis on laboratory preparations. Special topics such as halogenation, nitration, hydrolysis, isomerism, polymerization, molecular rearrangements are studied in considerable detail. *Prerequisite: Chem. 35.*

CHEMISTRY 37. *Organic Chemistry*. 1st semester; 1 double and 2 single periods a week; 3 credits.

Includes work on aliphatic, aromatic and heterocyclic compounds. Type reactions, proof of structure and applications are stressed. Typical carbon compounds are prepared in the laboratory and their properties are studied. *Prerequisite: Chem. 1-2.*

CHEMISTRY 38. *Biochemistry*. 2nd semester; 1 double and 2 single periods a week; 3 credits.

A study of the applications of chemistry to living processes. The course includes a study of various foodstuffs, their digestion and metabolism, body secretions and excretions, animal calorimetry and nutrition. *Prerequisite: Chem. 35 or Chem. 37.*

CHEMISTRY 55. *Qualitative Analysis*. 1st semester; 2 single and 2 double periods a week; 4 credits.

A course in inorganic qualitative analysis. A study is made of the more important cations and anions. *Prerequisite: Chem. 1-2.*

CHEMISTRY 56. *Quantitative Analysis*. 2nd semester; 2 single and 2 double periods a week; 4 credits.

A course in inorganic quantitative analysis. The standard methods of gravimetric and volumetric procedure are emphasized. *Prerequisite: Chem. 55.*

CHEMISTRY 57. *Analytical Chemistry*. 1st semester; 1 single and 2 double periods a week; 3 credits.

An introduction to microtechnique and instrumental methods. *Prerequisite: Chem. 56.*

CHEMISTRY 85-86. *Physical Chemistry*. 1st and 2nd semesters; 1 double and 3 single periods a week; 4 credits a semester.

Deals with philosophies, theories, and mechanics of chemistry. Thermodynamics, homogeneous and heterogeneous equilibria, chemical kinetics, electrochemistry, colloids, catalysis, atomic and molecular structure are some of the several topics studied. *Prerequisite: Chem. 1-2. Recommended antecedents: Chem. 35-36 and Chem. 55-56.*

CHEMISTRY 90. *Advanced Inorganic Chemistry*. 2nd semester; 3 credits.

A study of selected topics in the field of advanced inorganic chemistry. The course will include a theoretical treatment of the structure, properties, and reactions of the elements and some of their compounds. Approximately twenty-five per cent of the work will be done in the laboratory. *Prerequisites: Chem. 1-2 and Chem. 55-56.*

CHEMISTRY 97-98. *Problems in Chemistry*. 1st and 2nd semesters; 1 to 3 credits a semester.

An undergraduate research course in one of the fields of chemistry. Gives the capable student an opportunity to do independent work in chemistry, under faculty supervision. Open, with permission of the department, to advanced students in the College who have adequate preparation.

## Geology

MR. HARNSBERGER, *Head of the Department*

GEOLOGY 1-2. *Geology*. 1st and 2nd semesters; 1 double and 3 single periods a week; 4 credits a semester. (Year course.)

A course designed to give the student knowledge of the earth's physical environment and of the changes which have occurred in the earth's existing life. The first semester is



devoted to Physical Geology, including the formation of rocks and minerals, land forms, earth-changing processes, and water resources. The second semester considers Historical Geology, emphasizing fossils in typical areas of North America as well as in local areas.

GEOLOGY 9. *Geology in the Modern World*. Offered each semester; 1 double and 3 single periods a week; 4 credits.

An introductory course which considers such topics as ground surface changes, streams and underground water, rocks and minerals, fossils and the formation of scenic features. Each of these topics will be linked to man's present-day plans and interests.

GEOLOGY 49. *Economic Geology*. 2nd semester; 1 double and 2 single periods a week; 3 credits.

A course designed to familiarize the student with important natural resources of the earth's crust. Classification, origin, distribution and mining of our mineral resources are discussed. Special emphasis is accorded the uses of important non-metallic and metallic mineral resources. Modern methods of exploration in discovering ore bodies are described. *Prerequisite: Geol. 1-2, or Geol. 9.*

GEOLOGY 66. *Paleontology*. 1st semester; 1 double and 2 single periods a week; 3 credits.

The content of this course deals with the life of past geological ages through the study of fossil plants and animals. Consideration is given to the morphology, classification, evolution, and phylogenetic relationships of the Protista, Plant and Animal Kingdoms from a study of fossils. This course may be applied towards a major in biology. *Prerequisites: Bio. 10-20 and Geol. 1-2. (Geol. 2 may be taken concurrently.)*

## Mathematics

MR. IKENBERRY, *Head of the Department*

MR. BEASLEY, MISS CURTIS, MR. LEHRBERGER, MR.  
POLITES, MRS. SCHMIDT, AND MR. ZIEGENFUS

*Major.* The minimum requirement for a major in mathematics is thirty semester hours which must include the following: Math. 17-18 (unless exempted); Math. 35-36; Math. 65-66. Students in Curriculum II or Curriculum III must also take Math 75-76. For Curriculum VII or Curriculum VIII, Math. 85 is required.

*Minor.* The minimum requirements for a minor in mathematics are Math. 17-18 (unless exempted); Math. 35-36, and other courses to meet the minimum requirement of eighteen semester hours.

MATHEMATICS 7-8. *Fundamentals of Mathematics.* 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

Designed for prospective teachers of the elementary schools and students not majoring in mathematics or science. The first semester develops certain basic concepts of elementary mathematics including sets and relations, logic, geometry, and the structure of the number system. The second semester is devoted to topics in algebra, mensuration, and introductory statistics.

MATHEMATICS 17-18. *Introduction to College Mathematics.* 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

A modern integrated treatment of the usual topics from college algebra and trigonometry with particular emphasis on the study of functions and relations. Some fundamental concepts of analytic geometry are discussed. *Prerequisite:* One entrance unit in algebra and one entrance unit in plane geometry.

MATHEMATICS 35-36. *Analytic Geometry and Calculus.* 1st and 2nd semesters; 5 periods a week; 5 credits a semester.

A course integrating the subject matter of the usual first courses in analytic geometry and differential and integral



calculus. It includes equations and loci, the straight line, circle, conic sections, polar coordinates, derivatives, maxima and minima, rates, velocity, curvature, integration, areas, lengths of curves, surfaces, and volumes. A continuous course. *Prerequisite: Math. 17-18 or its equivalent.*

MATHEMATICS 50. *A First Course in Number Theory.* 3 periods a week; 3 credits.

Topics in number theory including divisibility properties, integral solutions of equations, congruences, prime numbers, arithmetic functions, and number theoretic functions.

MATHEMATICS 57. *Mathematics of Finance.* Offered each semester; 3 periods a week; 3 credits.

A brief treatment of present methods underlying the theory of investment. It treats of such subjects as compound interest, annuities, amortization, sinking funds, valuation of bonds, and life insurance.

MATHEMATICS 58. *Elementary Statistics.* 2nd semester; 3 periods a week; 3 credits.

An introduction to the basic concepts of statistics including a brief treatment of descriptive statistics. Probability; empirical and theoretical frequency distributions; problems of sampling; estimation and testing of hypotheses; regression and correlation.

MATHEMATICS 59. *Mathematical Statistics.* 1st semester; 3 periods a week; 3 credits.

An introduction to theoretical statistics. Probability; theory of statistical inference; theory and applications of distribution functions of several variables and moment generating functions; sampling theory and significance tests for large and small samples; correlation and regression. *Prerequisite: Math. 35-36.*

MATHEMATICS 60. *An Introduction to Logic and Sets.* 2nd semester; 3 periods a week; 3 credits.

An elementary course in mathematical logic and set theory with applications to permutations, combinations and probability.

MATHEMATICS 65-66. *Introduction to Modern Algebra*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

An introduction to the fundamental concepts of modern abstract algebra. The first semester is devoted to a discussion of rings, integral domains, fields, and properties of the complex numbers. The second semester provides a discussion of the theory of groups, vector spaces, matrices, and determinants.

MATHEMATICS 75. *Modern Geometry*. 1st semester; 3 periods a week; 3 credits.

This course is a study of basic theory in the fields of Euclidean, projective and non-Euclidean geometries. Projective geometry is developed as a logical axiomatic system of its own. Algebraic methods are introduced in a discussion of coordinate geometry and transformation theory. Metric geometry is studied as an extension of projective non-metric theory by adding the distance concept.

MATHEMATICS 76. *Fundamental Concepts of Geometry*. 2nd semester; 3 periods a week; 3 credits.

This course is an elementary study of the foundations of Euclidean geometry. It includes a modern axiomatic development of the fundamental concepts of Euclidean geometry with emphasis on those topics in which the modern exposition is essentially different from the ancient.

MATHEMATICS 77. *Vector Analysis*. 2nd semester; 3 periods a week; 3 credits.

Vector Algebra, differentiation and integration of vector functions, applications in Physics. *Prerequisite: Math. 35-36.*

MATHEMATICS 78. *History of Mathematics*. 2nd semester; 3 periods a week; 3 credits.

This course is a study of the sources and growth of mathematical ideas and principles from earliest times to the present, with emphasis on the influence of mathematics on the development of civilization. Attention is given to the lives and contributions of eminent mathematicians.



MATHEMATICS 85. *Intermediate Calculus*. 1st semester; 3 periods a week; 3 credits.

A study of more advanced topics in the theory and applications of calculus, including infinite series, partial differentiation, hyperbolic functions and multiple integrals. *Prerequisite: Math. 35-36.*

MATHEMATICS 87. *Teaching of Secondary Mathematics*. 1st semester; 2 hours a week; 2 credits.

A seminar for prospective high school mathematics teachers which will include discussion of methods of teaching general mathematics, algebra, and geometry, and the development of a unit of work in one of these areas.

MATHEMATICS 89. *Differential Equations*. 2nd semester; 3 periods a week; 3 credits.

Solution of the standard types of ordinary differential equations; applications; integration in series and numerical approximations. *Prerequisite: Math. 85.*

MATHEMATICS 99. *Independent Study*. Offered each semester; 1 to 3 credits a semester.

This course is designed to give students of superior ability and initiative an opportunity to do independent study in mathematics under faculty supervision. *Prerequisite: consent of the head of the department.*

## Physical and Health Education

MISS SINCLAIR, *Head of the Department*

MISS BLACKMON, MISS BRUCE, MISS CRAWFORD, MISS DYKES,  
MISS ELLER, MISS HESTER, MR. LONG, MISS MORRISON,  
MRS. STROUGH, AND MISS TATE

The Department of Physical and Health Education is organized to contribute to the general education program of the College and to prepare students for professional careers.

*General Education Program:* All students must earn four semester credits in physical education. P. E. 9 and 11 are required of women, P. E. 7 and 8 are required of men, and all students must take one course numbered in the 30's\*. All entering students are expected to possess a satisfactory degree of physical fitness, motor ability and body mechanics. These areas are evaluated by the Physical Education Tests given during the Orientation Week. Students making low scores must take P. E. 1 before enrolling in P. E. 5 or any of the P. E. 30-sequence courses.

*Major in Physical Education and Health:* Thirty semester hours in physical education and health beyond the six hours required of all students. Students completing the major program in Curriculum III meet the certification requirements for teaching in the secondary schools of Virginia. Adjustments may be made to meet certification requirements in other states and for endorsement at the elementary level. The major program includes the following courses: P. E. 65; P. E. 68; P. E. 73; P. E. 85; P. E. 87; Hth. 37; Hth. 59; and Hth. 79. The following courses are also required but may be exempted through proficiency examinations: P. E. 27-28; P. E. 51-52; P. E. 55; P. E. 56; P. E. 60; and P. E. 81-82.

*Major in Health:* An interdepartmental major program in Curriculum VIII which requires the following courses: Hth. 37; Hth. 69; Hth. 79; Hth. 80; and Hth. 89; Bio. 27; Bio. 28; Math. 58; Psy. 56 or 79; Psy. 88; S. S. 68; S. S. 87. To qualify for positions in health education or for teaching, consult Head of the Department.

*Minor in Physical and Health Education:* Eighteen hours which may be chosen in Curricula II, III, VII and VIII. Consult Head of the Department.

*Concentration in Physical Education and Health:* Twenty-four hours which may be chosen in Curriculum I. Consult Head of Department or Curriculum Chairman.

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\*Any required course may be exempted by passing a proficiency test in the activity. Proficiency tests are scheduled periodically. Upon fulfillment of the required courses and in order to complete four semesters of physical education, a student may select any course numbered below P. E. 48; courses of a higher number which carry one semester hour credit may be selected with the approval of the instructor.



*Endorsement in Driver Education:* Hth. 37 and Hth. 59.

*Emphasis in Dance* is possible through elective courses and may be achieved within a major, minor, or concentration. Consult Head of the Department.

*Electives:* Available to all students and are especially recommended for students in Curriculum I.

## MAJOR IN PHYSICAL AND HEALTH EDUCATION (Curriculum III)

### FRESHMAN YEAR<sup>1</sup>

	<i>Credits per Semester:</i>	
	1st	2nd
*Art 30.....	3	—
Bio. 10-20.....	4	4
Eng. 1-2.....	3	3
Math. 17-18 or Math. 7-8.....	3	3
Music 30.....	—	3
P. E.....	1	1
P. E. 27 **Elective in P. E.....	1	1
Elective.....	1	1
	<hr/> 16	<hr/> 16

### SOPHOMORE YEAR

Bio. 29-27.....	4	3
Chem. 9.....	—	4
Eng. 33-34.....	3	3
Hth. 37-40.....	2	2
P. E.....	1	1
**Elective in P.E.-P.E. 28.....	1	1
Psy. 33-34.....	3	3
Speech 29.....	2	—
	<hr/> 16	<hr/> 17

<sup>1</sup>The required 12 semester hours in science may be taken in 3 four-hour courses. Chem. 1-2 is desirable as second science.

\*Students electing foreign languages should defer Math. or Art 30 and Music 30.

\*\*The elective is to be chosen with the Department Head according to the experience of the student.

## JUNIOR YEAR

	<i>Credits per Semester:</i>	<i>1st</i>	<i>2nd</i>
Ed. 60.....	3	—	
Ed. 70.....	—	3	
Hth. 59.....	—	2	
P. E. 51-52.....	2	2	
P. E. 55.....	1	—	
P. E. 56.....	—	1	
P. E. 60.....	1	—	
P. E. 65.....	3	—	
P. E. 68.....	—	3	
S. S. 33-34.....	3	3	
S. S.....	3	0	
Elective.....	0	2	
		<hr/>	<hr/>
		16	16

## SENIOR YEAR

Ed. 80.....	—	3	
Ed. 90.....	8	—	
Hth. 79.....	3	—	
P. E. 73.....	2	—	
P. E. 81.....	2	—	
P. E. 82.....	—	2	
P. E. 85.....	—	3	
P. E. 87.....	—	3	
Electives.....	1	5	
		<hr/>	<hr/>
		16	16

## MAJOR IN HEALTH

## (Curriculum VIII)

## FRESHMAN YEAR

	<i>Credits per Semester:</i>	<i>1st</i>	<i>2nd</i>
Art 30.....	3	—	
Bio. 10-20.....	4	4	
Eng. 1-2.....	3	3	
Math. 17-18.....	3	3	
Music 30.....	—	3	
P. E.....	1	1	
Speech 29.....	—	2	
Electives.....	2	—	
		<hr/>	<hr/>
		16	16



## SOPHOMORE YEAR

	<i>Credits per Semester:</i>	<i>1st</i>	<i>2nd</i>
Bio. or Chem. Elective.....	4	—	—
Bio. 27.....	—	—	3
Chem. 1-2.....	4	4	4
Eng. 33-34.....	2	2	2
Hth. 37.....	2	—	—
Hth. 40.....	—	—	2
P. E.....	1	1	1
Psy. 31-32.....	3	3	3
Electives.....	—	—	1
		<hr/> 16	<hr/> 16

## JUNIOR YEAR

Bio. 28.....	3	1
Hth. 69.....	—	2
Math. 58.....	—	3
S. S. 33-34.....	3	3
S. S. To complete 12 hours.....	3	3
Electives.....	7	4
	<hr/> 16	<hr/> 16

## SENIOR YEAR

Hth. 79.....	3	—
Hth. 80.....	3	—
Hth. 89.....	—	3
Psy. 88, 57 or 79.....	3	3
S. S. 68-87.....	3	3
Electives.....	4	7
	<hr/> 16	<hr/> 16

## PHYSICAL EDUCATION

*Costume:* Special costumes are required for physical education. Instructions for ordering these costumes are sent the women students in the summer, and the order should be placed at once. Men students will obtain the required uniform locally. Students earning a major or minor in physical education provide a warm-up suit, and hockey shoes, in addition to other costumes. Students may use their own swimming suits and leotards or order them according to instructions.

PHYSICAL EDUCATION 1. *Fundamentals of Physical Education*. 1st semester; 3 periods a week; 1 credit.

This course is designed to help the student achieve a desirable level of strength, body alignment and skill in fundamental motor activities.

PHYSICAL EDUCATION 3-4. *Adapted Activities*. 1st and 2nd semesters; 3 periods a week; 1 credit.

This course is designed for students with severe medical restrictions and is adapted to individual needs. *Prerequisite: Recommendation of College Physician and permission of Head of Department.*

PHYSICAL EDUCATION 5. *Elementary Sports*. 1st and 2nd semesters; 3 periods a week; 1 credit.

The course includes a team sport and an individual or dual activity; various combinations are offered. *Prerequisite: P. E. 1 or equivalent.*

PHYSICAL EDUCATION 7-8. *Basic Activities For Men*. 1st and 2nd semesters; 3 periods a week; 1 credit.

This course includes team sports, apparatus; swimming, and track and field.

PHYSICAL EDUCATION 9. *Elementary Dance*. 1st and 2nd semesters; 3 periods a week; 1 credit.

An introductory course which includes movement fundamentals, elementary folk dance and an introduction to modern dance technique and composition.

PHYSICAL EDUCATION 10N. *Physical Education for Nurses*. 1st semester; 3 periods a week; 1 credit.

Activities include swimming and sports. *Open only to student nurses of the Rockingham Memorial Hospital.*

PHYSICAL EDUCATION 11. *Elementary Swimming*. 1st and 2nd semesters; 3 periods a week; 1 credit.

The course includes swimming strokes, personal safety and rescue skills, and diving.



\*PHYSICAL EDUCATION 25. *Intermediate Swimming*. 1st and 2nd semesters; 3 periods a week; 1 credit.

Stroke development and diving, synchronized, competitive or endurance swimming. *Prerequisite: P. E. 11 or the equivalent.*

PHYSICAL EDUCATION 26. *Life Saving*. 2nd semester; 2 periods a week; 1 credit.

The Senior Life Saving Course of the American Red Cross. Open to all students subject to instructor's approval. Recommended for physical education majors.

PHYSICAL EDUCATION 27. *Basic Skills and Tumbling*. 1st semester; 2 periods a week; 1 credit.

This course stresses skills of movement, body mechanics, and tumbling activities. Recommended for Curriculum I. (Not acceptable for General Education requirement.)

PHYSICAL EDUCATION 28. *Activities for Children*. 2nd semester; 2 periods a week; 1 credit.

Rhythms, games and self-testing activities. Recommended for Curriculum I. (Not acceptable for General Education requirement.)

\*PHYSICAL EDUCATION 29. *Advanced Swimming and Diving*. 1st and 2nd semesters; 3 periods a week; 1 credit.

The emphasis is upon the perfection of ten swimming strokes, endurance swimming and springboard diving. *Prerequisite: P. E. 25, 26, or approval of instructor.*

\*PHYSICAL EDUCATION 30-39. *Intermediate Sports*. 1st and 2nd semesters; 3 periods a week; 1 credit.

Intermediate level in specific individual and team sports: 30-Basketball; 31-Hockey; 32-Tennis; 35-Golf; 36-Archery; 37-Fencing; 38-Badminton; 39-Bowling.

\*PHYSICAL EDUCATION 41-45. *Intermediate Dance*. 1st and 2nd semesters; 3 periods a week; 1 credit.

Intermediate level in specific types of dance: 41-Social; 42-Tap; 43-Folk; 45-Modern. *Prerequisite: P. E. 9 or the equivalent.*

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\*This course will include a second activity according to the season. A fee of \$7.50 per half-semester will be charged for all bowling classes.

PHYSICAL EDUCATION 48. *Community Recreation*. 1st semester; 2 periods a week; 2 credits.

Organization and administration of community recreation programs. Special attention is given to leadership skills. An elective open to all students.

PHYSICAL EDUCATION 49. *Camp Leadership*. 2nd semester; 1 single and 1 double period a week; 2 credits.

A course designed to develop those qualities and skills necessary for leadership in camping. Attention is also given to camping philosophies and organizational techniques. Open to all students.

PHYSICAL EDUCATION 50. *Physical Education for Children*. 1st and 2nd semesters; 2 periods a week; 2 credits.

The activity needs of children and the selection and use of appropriate materials. Required of students in Curriculum I. *Prerequisite: Psy. 33-34 or the equivalent.*

PHYSICAL EDUCATION 51-52 A-B-C-D. *Physical Education Techniques*. 1st and 2nd semesters; 2 or 4 periods a week; 1 or 2 credits a semester. Available on the block plan.

51: A-Social and Square Dance; B-Field Sports or Hockey; C-Modern Dance Survey; D-Volleyball and Badminton. 52: A-Gymnastics; B-Basketball; C-Archery; D-Track and Field or Softball.

PHYSICAL EDUCATION 55. *Aquatic Sports*. 1st semester; 2 periods a week; 1 credit.

Advanced swimming and diving skills and their use in synchronized swimming, competition, water games and related activities.

PHYSICAL EDUCATION 56. *Advanced Modern Dance*. 2nd semester; 2 periods a week; 1 credit.

Modern dance technique and composition on an advanced level. *Prerequisite: P. E. 45 or P. E. 51c.*



PHYSICAL EDUCATION 60. *Officiating*. 1st and 2nd semesters; 6 periods for 8 weeks or 3 periods for 16 weeks; 1 credit. (May be taken on 8 weeks block.)

Theory and practice of officiating in selected sports. The standards of the Women's National Officials Rating Committee are used. *Limited enrollment*; required of physical education majors; exemption by examination of W.N.O.R.C.

PHYSICAL EDUCATION 65. *Kinesiology*. 1st semester; 3 periods a week; 3 credits.

The science of human movement involving principles of mechanics, psychology and physiology; the application of the knowledge of anatomy in improving performance. *Prerequisite: Bio. 29-27.*

PHYSICAL EDUCATION 66. *Physiology of Muscular Activity*. 2nd semester; 2 periods a week; 2 credits.

Study of the effects of exercise upon the body and bodily functions; physiological effects of special kinds of activity; physiology of training; assessment of organic fitness. *Prerequisite: Bio. 29-27. (Offered 1963-64 and alternate years.)*

PHYSICAL EDUCATION 68. *Principles of Health and Physical Education*. 2nd semester; 3 periods a week; 3 credits.

The history of physical education as it has affected the schools of the United States. The principles of health and physical education as a basis for objectives, program and method; current problems.

PHYSICAL EDUCATION 69. *Instruction in Water Safety*. 2nd semester; 1 single and 1 double period a week; 2 credits.

Students completing this course satisfactorily may qualify for the American Red Cross Instructor's Certificate in Swimming and Water Safety. *Prerequisite: Senior Life Saving.*

PHYSICAL EDUCATION 73. *Health and Physical Education in the Secondary Schools*. 1st semester; 8 weeks; 4 periods a week; 2 credits.

Class procedures, methods, and the use of materials in the school programs of health and physical education. *Prerequisite: Ed. 70.*

PHYSICAL EDUCATION 79. *Dance Production*. 2nd semester; 1 single and 1 double period a week; 2 credits.

Lectures and laboratory experiences in organizing and presenting dance demonstrations and concerts. Attention is given to accompaniment, lighting, make-up, costume, sets, and properties. (*Offered 1963-64 and alternate years.*)

PHYSICAL EDUCATION 80. *Dance Composition*. 2nd semester; 1 single and 1 double period a week; 2 credits.

A study of form in composition. Dance composition problems in selected traditional forms. *Prerequisite: P. E. 9 or the equivalent.* (*Offered 1964-65 and alternate years.*)

PHYSICAL EDUCATION 81-82 A-B-C-D. *Physical Education Techniques*. 1st and 2nd semesters; 2 or 4 periods a week; 1 or 2 credits a semester. Available on the block plan.

81: A-Tennis; B-Field Sports or Hockey; C-Summary of Modern Dance; D-Folk Dance. 82: A-Apparatus; B-Fencing and Recreational Sports; C-Golf; D-Track and Field or Softball.

PHYSICAL EDUCATION 85. *Problems in Administration*. 2nd semester; 3 periods a week; 3 credits.

Selected problems relating to the program of health, physical education, and safety in secondary schools; athletics, intramural and extramural; maintenance of physical education plants; administrative policies; budget, instructional supplies, and equipment; public relations; professional standards. *Prerequisite: P. E. 68 or the equivalent.*

PHYSICAL EDUCATION 87. *Adapted Physical Education*. 2nd semester; 4 periods a week; 3 credits.

Designed to provide understanding and laboratory experience in remedial exercises and other activities for individuals restricted because of poor body mechanics and orthopedic conditions. *Prerequisite: P. E. 65.*



## Health

HEALTH 37. *Safety and First Aid*. 1st semester; 2 periods a week; 2 credits.

Standard and Advanced First Aid courses and materials and methods of instruction in various phases of safety education. Students who complete the course successfully will be certificated by the Red Cross in First Aid.

HEALTH 40. *Personal and Community Health*. 1st and 2nd semesters; 2 periods a week; 2 credits.

A study of selected factors related to healthful living, including the contributions of the community health program. *Prerequisite: Bio. 10.*

HEALTH 59. *Traffic and Driver Safety*. 2nd semester; 2 periods a week; 2 credits; laboratory work to be assigned.

Problems of traffic and driver safety as they exist in our present society. Upon successful completion of this course and Health 37, students may secure an endorsement for Driver Education from the State Board of Education after graduation. *Prerequisite: Operator's license issued by the Commonwealth of Virginia.*

HEALTH 69. *Health Problems of the Young Adults*. 2nd semester; 2 periods a week; 2 credits.

A study of health problems of the teens and early twenties with special reference to societal influences. *Prerequisite: Hth. 40 or the equivalent. (Offered 1964-65 and alternate years.)*

HEALTH 79. *Advanced Health*. 1st semester; eight weeks; 6 periods a week; 3 credits.

The scientific foundations, recent developments, and effects on wholesome living of nutrition, genetics, and specific areas in personal health. Independent research in additional areas of health will be emphasized. *Prerequisites: Hth. 40 and Bio. 29-27.*

HEALTH 80. *Introduction to Public Health.* 1st semester; 3 periods a week; 3 credits.

A study of the program and services of voluntary and official public health and welfare organizations. Emphasis is placed upon the community public health department and lay participation in health organizations. Hours will be assigned for observation and field trips to local organizations.

HEALTH 89. *Field Work in Health.* 1st and 2nd semesters; 3 credits.

Work in the local health and welfare agencies under the supervision of the course instructor. *Prerequisite: Hth. 80.*

## Physics

MR. WELLS, *Head of the Department*

MR. GORDON, MR. MCCORKLE, AND MR. MOORE

A major in physics is designed to prepare students for any career in physics which they might care to pursue, whether it be teaching, graduate study or industrial employment. The physics major consists of 30 credit hours of work and must include Phys. 1-2, Phys. 37, Phys. 38, Phys. 45, Phys. 46, Phys. 51-52, and Phys. 61-62.

A student majoring in physics should include in his or her program Math. 35-36, and Math. 89. Basic courses in biology and chemistry are also desirable.

A sequence of courses leading to an 18 hour minor in physics may be selected, subject to the approval of the head of the department, to meet the individual needs of students in the various curricula.

PHYSICS 1-2. *General Physics.* 1st and 2nd semester; 1 triple and 3 single periods a week; 4 credits a semester. (Year course.)

A basic course in general physics. Provides the background necessary for advanced work in physics, and for an



understanding of allied subjects. Experiments and elementary problems in the fields of mechanics, heat, sound, electricity, optics, and modern physics are included.

PHYSICS 9. *Physics in the Modern World*. Offered each semester; 1 double and 3 single periods a week; 4 credits.

A one semester course designed to acquaint the student with such physical concepts as force, energy, and radiation in their mechanical, thermal, electrical, and atomic forms. Important physical laws are examined through laboratory exercises. Less emphasis is placed on mathematics and mathematical proofs than in Physics 1-2.

PHYSICS 37. *Nuclear Physics*. 2nd semester; 3 single periods a week; 3 credits.

Nuclear structure, radioactivity, cosmic rays, nuclear energy, nuclear instrumentation. *Prerequisites: Phys. 1-2 and Math. 35-36.*

PHYSICS 37L. *Nuclear Physics Laboratory*. 2nd semester; 1 double period a week; 1 credit. To be taken concurrently with Physics 37. *Required of physics majors.*

PHYSICS 38. *Atomic Physics*. 1st semester; 1 double and 2 single periods a week; 3 credits.

An introduction to contemporary physics. Radiant energy, the Bohr atom, X-rays, relativity, physics of the solid state including semiconductors and transistors. *Prerequisites: Phys. 1-2 and Math. 35-36.*

PHYSICS 38L. *Atomic Physics Laboratory*. 1st semester; 1 double period a week; 1 credit. To be taken concurrently with Physics 38. *Required of physics majors.*

PHYSICS 40. *Household Physics*. 1st semester; 1 double and 2 single periods a week; 3 credits.

A course in household physics for home economics students. Much of the laboratory work involves tests, adjustments, and simple repair of common household apparatus. Limited to students majoring in home economics.

PHYSICS 45. *Electricity and Magnetism*. 2nd semester; 3 single periods a week; 3 credits.

A study of the electrostatic field, the magnetic field, direct and alternating currents, and electromagnetic waves. *Prerequisites: Phys. 1-2 and Math. 35-36. (Offered 1963-64 and alternate years thereafter.)*

PHYSICS 45L. *Electricity and Magnetism Laboratory*. 2nd semester; 1 double period a week; 1 credit. To be taken concurrently with Physics 45. *Required of physics majors.*

PHYSICS 46. *Optics*. 1st semester; 3 single periods a week; 3 credits.

Geometric optics, including reflection and refraction. Physical optics, including interference, diffraction, and polarization. *Prerequisites: Phys. 1-2 and Math. 35-36. (Offered 1963-64 and alternate years thereafter.)*

PHYSICS 46L. *Optics Laboratory*. 1st semester; 1 double period a week; 1 credit. To be taken concurrently with Physics 46. *Required of physics majors.*

PHYSICS 51-52. *Electronics*. 1st and 2nd semester; 1 double and 2 single periods a week; 3 credits each semester. (Year course.)

A study of the electron tube and its applications. Rectifier, amplifier, oscillator, wave-shaping circuits, the cathode ray tube, transistors, microwaves and antennas are treated. Primary emphasis is placed on laboratory work. *Prerequisite: Phys. 1-2. (Offered 1963-64 and alternate years thereafter.)*

PHYSICS 57. *Photography*. 2nd semester; 1 double and 1 single period a week; 2 credits.

Basic principles of photography, including exposure and lighting, chemistry of development and fixation, picture composition, prints, enlargements, motion picture techniques, and natural color processes. *(Offered 1964-65 and alternate years thereafter.)*



PHYSICS 58. *Astronomy*. 2nd semester; 1 double and 1 single period a week; 2 credits.

A descriptive course covering the solar system, the constellations of our galaxy, and the extra-galactic systems. Classes are replaced occasionally by evening observation periods. Use is also made of the Spitz planetarium.

PHYSICS 60. *The Physics of Flight*. 1st semester; 1 double and 1 single period a week; 2 credits.

The basic principles of physics underlying aviation. Topics studied are heat, heat engines, basic airplane structure, and the theory of flight. *Prerequisite: Phys. 9 or P. S. 10. (Offered 1963-64 and alternate years thereafter.)*

PHYSICS 61-62. *Mechanics and Heat*. 1st and 2nd semesters; 3 single periods a week; 3 credits each semester. (Year course.)

The statics and dynamics of particles and rigid bodies, work and energy, motion under the influence of a central force, accelerated reference systems, constrained motion, generalized coordinates, wave motion, temperature, the transfer of heat, properties of ideal gases, and the first and second laws of thermodynamics are discussed. *Prerequisites: Phys. 1-2 and Math. 35-36. (Offered 1964-65 and alternate years thereafter.)*

PHYSICS 61L-62L. *Mechanics and Heat Laboratory*. 1st and 2nd semesters; 1 double period a week; 1 credit each semester. To be taken concurrently with Physics 61-62. *Required of physics majors.*

PHYSICS 97-98. *Problems in Physics*. Offered each semester; 1 to 3 credits each semester.

A conference course in which the subject matter and experimental work are selected to meet the needs and interests of each individual student. Open with permission of the head of the department.

## Division of the Social Sciences

MR. E. L. SMITH, *Director*

### BUSINESS AND BUSINESS EDUCATION

MR. DICKERSON, *Head of the Department*

MISS ANDERSON, MR. BOSSERMAN, MRS. COFFMAN,  
MISS HERR, MISS RUCKER, MR. SANDERS, MRS. SMITH  
AND MR. WALSH

A major in business and business education may be obtained in the following areas: (1) business teaching—Curriculum V; (2) secretarial—Curriculum XI, Plan I; (3) business administration and accounting—Curriculum XI, Plan II.

Students who have completed courses in typewriting or shorthand in high school or business college may be admitted to advanced courses in these subjects on the basis of classification tests which are given by the Department of Business and Business Education. These students will then choose other business courses as substitutes for the courses from which they have been excused.

**BUSINESS 10.** *Introduction to Business.* Offered each semester; 2 periods a week; 2 credits.

Gives the student a general acquaintanceship with the institution of business. An elementary understanding of the history of business, the basic forms of how business is organized, financing, credit, management, wages, distribution of goods and services, and labor relations are treated in this orientation course.

**BUSINESS 20.** *Business Mathematics.* Offered each semester; 3 periods a week; 3 credits.

Includes practical problems in interest, percentage, discounts, and taxes. The fundamental processes are studied and applied. Mixed numbers, fractions, and decimals are reviewed in connection with the problems solved.



BUSINESS 21-22. *Elementary Shorthand*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester. (Year course.)

Intended to give the student a thorough understanding of the principles of the Gregg Simplified system of shorthand. Ability to transcribe accurately unfamiliar material dictated at a minimum speed of seventy words per minute and to sight read rapidly are required for completion of the course.

BUSINESS 25-26. *Elementary Typewriting*. 1st and 2nd semesters; 3 periods a week; 2 credits a semester.

The development of proper typewriting techniques and mastery of the typewriter keyboard with the attainment of a minimum typewriting speed of fifty words per minute are required for the completion of this course. Students work with such applied typewriting assignments as centering, business letters, tabulations, and manuscripts.

BUSINESS 29. *Office Efficiency*. 1st and 2nd semesters; 2 periods a week; 2 credits.

Emphasizes the importance of planning for a successful business career, views the most promising opportunities which are open to persons with different skills and abilities and stresses the character traits, habits, and attitudes necessary for success in the field of business.

SOCIAL SCIENCE 29. *Introduction to Economics*. Offered each semester; 3 periods a week; 3 credits.

This course deals with the goals of our economy, income and its distribution, competition, labor unions, debts and money, prosperity and depression, control of economic fluctuations, economic growth, our international trade and our government and economy. *Required for majors in Business Education.*

BUSINESS 41. *Advanced Typewriting*. 1st semester; 3 periods a week; 2 credits.

Continued training in the perfection of operational techniques. Emphasis is placed on production rates with practice in typewriting business forms and legal documents. *Prerequisite: Bus. 25-26, or equivalent.*

BUSINESS 42. *Advanced Typewriting*. 2nd semester; 3 periods a week; 2 credits.

Development of skill in meeting practical office situations. Continued emphasis on speed and accuracy in typewriting.

BUSINESS 43-44. *Advanced Shorthand*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

A review of brief forms and abbreviating principles in Gregg Shorthand. Emphasis is placed upon speed, phrasing, and enlargement of shorthand vocabulary. This course includes a great deal of transcription. A minimum speed of one hundred words per minute on unfamiliar material is required. *Prerequisite: Bus. 21-22, or equivalent.*

BUSINESS 45-46. *Elementary Accounting*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

Intended to give the student a thorough understanding of the function of accounting in the operation of business enterprise, the theory of debits and credits, special journals, controlling accounts and subsidiary ledgers, valuation accounts, and accounting records peculiar to partnership and corporation. *Prerequisite for Bus. 46: Bus. 45 or equivalent.*

SOCIAL SCIENCE 49. *Economic Problems*. 2nd semester; 3 periods a week; 3 credits.

Designed to acquaint the student with the nature and functioning of our free enterprise system. Emphasis is upon such problems as conservation, financial security, labor unrest, taxation, public debt, inflation, depression, relationship of government to business. *Required for majors in Business Education. Prerequisite: S. S. 29. Introduction to Economics.*

BUSINESS 57-58. *Advanced Secretarial-Clerical Application*. Offered each semester; 5 periods a week; 2 credits a semester.

This course affords five hours per week of practical office experience in those skills developed in previous typewriting and stenographic courses by doing secretarial work for the staff officers of the College and approved activity work of a practical



nature. Curriculum V majors may complete 57-58 in an eight-week block. All students in this course must complete 80 hours of work.

BUSINESS 59. *Business Correspondence*. 1st and 2nd semesters; 3 periods a week; 3 credits.

A course in the principles of effective business correspondence. Designed to develop skill in the composition of business letters. Credit, adjustment, collection, sales, and promotional letters are composed, analyzed, and written in mailable form. Emphasis is placed on arrangement, style, spelling, and sentence structure.

BUSINESS 60. *Office Machines*. Offered each semester; 3 periods a week; 2 credits.

Designed to give the students an understanding of the importance of machines in the modern office and to develop vocational competency in those machines most commonly used. Speed and accuracy in machine operation are emphasized.

BUSINESS 65-66. *Intermediate Accounting*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

Devoted to a review of the fundamental principles of accounting, advanced accounting for corporations, the purposes and mechanics of cost accounting in manufacturing, and analysis of financial statements. *Prerequisite: Bus. 45-46 or equivalent.*

BUSINESS 76. *Federal Income Tax Accounting*. 1st semester; 3 periods a week; 3 credits.

Devoted to a consideration of Federal income taxes. These topics, among others, will be studied: income, exclusions and inclusions, gain or loss on sales, exchanges, and involuntary conversions, deductions, exemptions, and pay-as-you-go withholdings. An overview is given of social security, estate, and the gift taxes levied by the Federal government.

BUSINESS 78. *Dictation and Transcription*. 2nd semester; 3 periods a week; 3 credits.

Designed to give the student advanced training in both type-writing and shorthand. Opportunity is provided for experience

in taking rapid dictation, in transcribing, and in improving typewriting speed and accuracy, and the ability to work with applied typewriting problems. A minimum of ten hours of applied work experience on an individual basis is required.

BUSINESS 87. *Marketing*. 1st semester; 3 periods a week; 3 credits.

Deals with the role of marketing in our economic society, marketing agencies, functions, methods, and costs. Attention is also given to the value and purposes of marketing research.

BUSINESS 88. *Money and Banking*. 2nd semester; 3 periods a week; 3 credits.

Deals with the function of finance in business, the evolution of money, its value, effects of monetary fluctuations, monetary reform, and the structure and functions of banking, including governmental agencies, which are intended to supplement private institutions.

BUSINESS 89. *Personnel Administration*. 1st semester; 3 periods a week; 3 credits.

The purpose of this course is to study employer-employee relationships in business and in industry. Personnel policies and methods are examined. The selection, placement, training, and promotion of employees; their production incentives, health, and safety. Recent trends in employment practices are stressed.

BUSINESS 95. *Business Law*. 2nd semester; 3 periods a week; 3 credits.

Fundamental principles of the law of contracts, agency, and negotiable instruments are studied in detail with emphasis on the part these laws play in both personal and business life.

BUSINESS 96. *Salesmanship*. 2nd semester; 3 periods a week; 3 credits.

A study of the several phases of salesmanship including preparation, approach, demonstration, objection, and close, and the role of selling in our economy.



BUSINESS 97-98. *Advanced Accounting*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

Designed to meet the requirements of those persons who would gain an appreciation of the application of fundamental theory to a number of important fields and activities in business. Among the subjects studied are: accounting for partnerships and joint ventures; income measurement in installment sales and consignments; accounting for home office and branch-units; parent and subsidiary relationships; preparation of consolidated balance sheet, income statement, and surplus statement; and actuarial science and the application of these principles to business and accounting problems.

#### BUSINESS EDUCATION COURSES

BUSINESS EDUCATION 70. *Methods and Materials in Teaching Basic Business*. 2nd semester; 3 periods a week; 3 credits.

Techniques, materials, and procedures used for effective teaching in the basic business field.

BUSINESS EDUCATION 80. *Methods and Materials in Teaching Skill Subjects*. 1st semester; 3 periods a week; 3 credits.

Techniques, materials, and procedures for effective teaching in the skill subject areas.

### Home Economics

MISS ROWE, *Head of the Department*

MISS COPPER, MISS C. DRIVER, MRS. A. DRIVER,  
MRS. LOCKARD, AND MISS SIEG

The department of home economics serves four purposes: preparation for vocational home economics teachers, dietitians, institution managers, and home economists in business. Many courses are open for students in other curricula who are interested in home and family life.

If a student wishes to teach home economics, she should choose Curriculum IV; if she wishes to be a dietitian or institution manager, she should choose Curriculum IX; if she

wishes to become a home economist in business, she should choose Curriculum X. With careful planning it is possible for a student to have a double major in teaching and institution management.

HOME ECONOMICS 10. *The Contemporary Family*. 1st semester; 1 double and 2 single periods a week; 3 credits.

This course is an orientation into the objectives of home economics. The important changes and trends in home management are studied. Emphasis is placed on the influence of the family unit in community life and the responsibilities which men and women assume when they establish a home. Laboratory hours are used for field trips and work experiences typical of family living.

HOME ECONOMICS 19. *Elementary Nutrition*. Offered each semester; 1 double and 2 single periods a week; 3 credits.

A study is made of the nutritive properties of foods and of the requirements of the body for energy, proteins, minerals, and vitamins. Application is made to the individual under normal conditions of health.

HOME ECONOMICS 20. *Foods*. Offered each semester; 1 single and 2 double periods a week; 3 credits.

The basic principles of preparation of foods are the main emphases in this course. Introduction is made to menu planning and food service. Laboratory activities are planned to acquaint the student with desirable standard products in each food group.

HOME ECONOMICS 30. *Family Relations*. Offered each semester; 3 periods a week; 3 credits.

A study of the relationships in modern family living with emphasis on dating, courtship, marriage, marital adjustment, and intergeneration relationships.

HOME ECONOMICS 39. *Textiles*. Offered each semester; 2 single and 1 double period a week; 3 credits.

A general study of fundamental weaves, yarns, fibers, colors, and finishes with reference to selection of fabrics for clothing and household.



HOME ECONOMICS 40. *Clothing Construction*. Offered each semester; 1 single and 2 double periods a week; 3 credits.

Development of skill and understanding for the student and family members in pattern and fabric selection and in construction techniques.

HOME ECONOMICS 46. *Housing and Equipment*. 2nd semester; 2 single and 1 double period a week; 3 credits.

This course is a study of house planning, the choice of equipment, its use and care. This course is closely correlated with basic art and household physics.

HOME ECONOMICS 50. *Health of the Family*. Offered each semester; 1 double and two single periods a week; 3 credits.

This course is a study of family health, including home care of the sick and injured. Prenatal, postnatal and infant care are stressed. *Prerequisite: Health 40 or the equivalent*. (H. E. 50 is also listed for credit for physical and health education majors.)

HOME ECONOMICS 55. *Related Arts in the Home*. Offered each semester; 1 single and 2 double periods a week; 3 credits.

This course deals with selection of furnishings for the home and interior decorating. Laboratory hours devoted to construction of draperies and slip covers; restoring accessories and furniture. Additional experiences in flower arrangement, rug making, and chair reseatng.

HOME ECONOMICS 57. *Demonstration Techniques*. 1st semester; 1 single and 2 double periods a week; 3 credits.

The use of the lecture-demonstration for imparting knowledge is the basis of this course. Laboratory experiences are provided to demonstrate how the business home economist, teacher, and extension worker can effectively use this technique. *Prerequisite: H. E. 20 or its equivalent*. (Offered in 1964-65 and alternate years thereafter.)

HOME ECONOMICS 59. *Clothing for the Family*. Offered each semester; 1 single and 2 double periods a week; 3 credits.

Tailoring techniques are studied comparing custom-made details and quick methods of construction. Values and quali-

ties of tailored garments are evaluated. *Prerequisite: H. E. 40 or its equivalent.*

HOME ECONOMICS 60. *Advanced Nutrition.* Offered each semester; 1 double and 2 single periods a week; 3 credits.

The nutrients and their role in intermediary metabolism is studied. Application is made to feeding individuals, families, and the world. Experimental animals are used for feeding studies. *Prerequisite: H. E. 19 or its equivalent.*

HOME ECONOMICS 69. *Consumer Economics.* Offered each semester; 3 periods a week; 3 credits.

This course is a study of the consumer aspect of activity in our economic system. It deals with the problems of the family relating to judging quality, checking quantity, and comparing prices in consumer buying.

HOME ECONOMICS 76. *Advanced Foods.* 2nd semester; 1 double and 1 three-hour period a week; 3 credits.

An introduction to haute cuisine. The laboratory provides opportunity to become familiar with gourmet foods and their preparation. *Prerequisite: H. E. 20 or its equivalent.*

HOME ECONOMICS 77. *Institution Equipment.* 1st semester; 2 periods a week; 2 credits.

The emphasis is on institution buying and the selection of equipment. The course includes instruction in market conditions, and in the wholesale buying of foods and supplies; the selection, buying, and placing of equipment. Field trips are a part of the course.

HOME ECONOMICS 78. *Advanced Clothing.* 2nd semester; 1 single and 2 double periods a week; 3 credits.

This course is planned to give students an appreciation of the possibilities and scope of clothing and the world of fashion. Emphasis upon fitting and pattern alteration, and the use of a sloper. The student achieves the unusual and fashionable in garment construction by the use of detail and decorative finishes or by original dress design.



HOME ECONOMICS 80. *Directed Institution Management*. 1st semester; 6 credits.

This course is designed to give the student, under supervision, an opportunity to participate in each phase of the management of a large food unit as it pertains to the routine food service of the College. Experience in catering is received through the preparation and serving of teas, luncheons, and banquets as they pertain to the social life of the College.

*Quantity Cookery:*

This course gives the student experience in the preparation of food for large groups. Large quantity recipes, menus suited to needs, and the conditions pertaining to a large food unit are studied. Market lists are made out, supplies requisitioned, and food prepared in the College kitchen, tearoom, and public school cafeterias. Quantity Cookery is a part of Directed Institution Management. *A scholarship index of 2.00 is required.*

HOME ECONOMICS 86. *Managing a Home*. 2nd semester; 2nd eight-week period; 2 credits.

This course is designed for the senior student who is anticipating managing a home soon after graduation. It gives some insight into and appreciation of the problems involved in managing a home through eight weeks residence in the Home Management House.

HOME ECONOMICS 87. *Institution Organization*. 1st semester; 2 periods a week; 2 credits.

Organization, management, personnel, and labor as they pertain to the responsibilities of a food service director are studied.

HOME ECONOMICS 88. *Food Cost Accounting*. 2nd semester; 1 single and 1 double period a week; 2 credits.

Accounting procedures and budget control of food services are studied. (*Offered in 1963-64 and in alternate years thereafter.*)

HOME ECONOMICS 89. *Child Development*. Offered each semester; 3 periods a week; 3 credits.

A study is made of factors involved in the physical, intellectual, social, and emotional growth of the young child.

Special emphasis is given to the importance of family relationships. The student has opportunities to work with young children both in families of the community and in the campus nursery school. *Prerequisite: Psy. 31-32, Psy. 33-34, or the equivalent.*

HOME ECONOMICS 95. *Diet Therapy*. 2nd semester; 1 double and 2 single periods a week; 3 credits.

A study of the use of diet in preventing disease and as a means of treating disease. *Prerequisite: H. E. 60 and Biochemistry. (Offered in 1963-64 and alternate years thereafter.)*

HOME ECONOMICS 96. *Experimental Foods*. 1st semester; 1 double period and 1 three-hour period a week; 3 credits.

An introduction to research in foods. Different techniques of food preparation are studied and evaluated for most acceptable methods to obtain standard food products. *Prerequisite: H.E. 20. (Offered 1963-64 and alternate years thereafter.)*

HOME ECONOMICS 97-98. *Problems in Home Economics*. Offered each semester; 1 to 3 credits a semester.

Capable students may select to do independent study in an area of home economics under faculty supervision. *Prerequisite: consent of the head of the department.*

HOME ECONOMICS 99. *Home Management Residence*. Offered each half semester; 4 credits.

Democratic principles in family living constitute the basis upon which the home management experience is planned. The areas of responsibility are rotated to give each family member experience in all phases of homemaking with emphasis upon management of time, energy, and resources. Each student participates in the care and development of children in a family. A scholarship index of 2.00 is required for residence. *Prerequisites: H.E. 10, 19, 20, 46, 69, 89, or their equivalent.*

### HOME ECONOMICS EDUCATION COURSES

HOME ECONOMICS EDUCATION 68. *Home Economics Education*. 1st semester; 3 periods a week; 3 credits.

Students are provided experiences which help them formulate a philosophy of homemaking education. Upon the



basis of this philosophy, techniques for making pupil, school, and community studies are analyzed, resource units are developed, and teaching procedures for solving problems are evaluated.

HOME ECONOMICS EDUCATION 79. *Vocational Home Economics.*

Offered each half semester; 6 periods per week; 3 credits.

A survey of the development of home economics is made. The student is provided the opportunity to study the home-making program in the high school, its relationship to the total school program and procedures in curriculum development. Special emphasis is given to the state and federal vocational recommendations.

This course is prerequisite to supervised student teaching in home economics. *Prerequisite: H.E.Ed. 68 or its equivalent.*

HOME ECONOMICS EDUCATION 90-C. *Directed Teaching in Home Economics.* Offered each half semester; 8 credits.

The student assumes the responsibility for teaching in one of the high school centers under the supervision and direction of the resident supervisors. The student visits in the homes of the pupils in the community, attends professional meetings, and participates in the activities of the school and community.

## Library Science

MR. PALMER, *Head of the Department*

MISS GRIFFIN, MRS. HERRING, MISS HOOVER, AND MISS JONES

Library science courses are open to all students, but majors and minors can be accepted only in Curricula II and III. Students in Curriculum I may choose library science for their area of concentration.

*Major:* Twenty-four semester hours in library science. Required library science courses are L. S. 49, L. S. 50, L. S. 65, L. S. 66, L. S. 76, L. S. 77, L. S. 78, and L. S. 90.

*Minor:* L. S. 49, L. S. 50, L. S. 65, L. S. 66, L. S. 77, and L. S. 90.

LIBRARY SCIENCE 49. *Library Resources for Children*. Offered each semester; 3 periods a week; 3 credits.

Principles and aids to help teachers become familiar with the literature available for children. Emphasis is placed upon wide acquaintance with the books to be used by the children. Some attention will be given to the history of children's literature, to general information books, to sources of reference materials, and to magazines for children.

LIBRARY SCIENCE 50. *Library Resources for Young People*. 2nd semester; 3 periods a week; 3 credits.

The purpose of this course is to introduce students to the wealth of printed materials available for young people. Students will examine and read extensively among the books that have been written for young people in order to learn how to select and use the best reading material. A project in a subject and grade level of greatest interest to the student may be undertaken as a part of the course.

LIBRARY SCIENCE 65. *Organization of Materials*. 1st semester; 3 periods a week; 3 credits.

Acquisition and preparation of books and other materials for use. Methods of ordering, simplified cataloging, the mechanical preparation of materials, and circulation systems are considered.

LIBRARY SCIENCE 66. *Administration of School Libraries*. 2nd semester; 3 periods a week; 3 credits.

The functions, organization, planning, equipment, and management of the school library. Methods of teaching the use of books and libraries will also be considered.

LIBRARY SCIENCE 76. *Audio-Visual Materials*. Offered each semester; 3 periods a week; laboratory hours to be arranged; 3 credits.

Principles of selection and evaluation of audio-visual materials, techniques for using these teaching materials in the classroom, laboratory experience in the operation of equip-



ment, and previewing materials available for use in the Virginia public schools.

LIBRARY SCIENCE 77. *Reference and Bibliography*. 1st semester; 3 periods a week; 3 credits.

A study of school library reference materials, including encyclopedias, dictionaries, yearbooks, periodical indexes, and reference books in various fields. Attention is given to the techniques of reference work.

LIBRARY SCIENCE 78. *Cataloging*. 2nd semester; 3 double periods a week; 3 credits.

The principles and methods of the preparation of books for use in small libraries. Students will classify and catalog under supervision. Ability to use a typewriter is important.

LIBRARY SCIENCE 90. *Directed School Library Service*. Offered each semester; 3 credits.

Work, under supervision, in the training schools in all phases of library service. Students majoring in library science may take this course and Ed. 90-A (3 credits) instead of Ed. 90 (6 credits), or they may enroll in Ed. 90x for student teaching and directed library practice on the block plan. *Prerequisite*: L. S. 49, L. S. 50, L. S. 65 and L. S. 66.

LIBRARY SCIENCE 97. *Survey of Librarianship*. 1st semester; 3 periods a week; 3 credits.

Designed to acquaint the prospective school librarian with the whole field of libraries and library work. The course includes the history, accomplishments, and objectives of various types of libraries, with emphasis on current trends and the relation of libraries to society.

LIBRARY SCIENCE 99. *Problems in School Librarianship*. 2nd semester; 3 credits.

This course provides an opportunity for intensive study of a specific topic in school librarianship. Each student will work individually on a project of his own choice. *Prerequisite*: 24 semester hours of library science, or approval of the head of the department.

## Social Science and History

MR. E. L. SMITH, *Head of the Department*

MRS. BLAIR, MR. CLINE, MR. DINGLEDINE, MRS. JACKSON,  
MR. REA, MR. SAS, MR. G. SMITH, MR. WILHELM,  
AND MR. WOOD

The requirement for a *major* in this department is 48 semester hours. Students may select either a Social Science major or a History major. The department also offers five minor programs each requiring 18 semester hours.

### MAJOR

The *Social Science* major requirements meet the State Board of Education Certification Standards for teaching both history and social science. Students are required to complete S. S. 33-34, United States History; S. S. 55-56, History of Civilization; S. S. 20, Physical Geography; S. S. 25, United States Government; S. S. 29, Introduction to Economics; and S. S. 39, Principles of Sociology. Students are required to complete six additional hours in history and three additional hours in each of the following: Economics, Geography, Political Science, and Sociology or Anthropology. Six additional semester hours are to be selected from any area of the student's interest.

The *History* major consists of 24 hours of history including S. S. 33-34, United States History and S. S. 55-56, History of Civilization. Students will complete 18 semester hours in a second Social Science selected from Economics, Geography, Political Science, or Sociology and an additional six semester hours in a third social science subject. These requirements meet the State Board of Education Certification Standards for teaching history and they will also meet the certification standards for teaching a second social science.

### MINOR

A student may minor in any of the following social science subjects: Economics, Geography, Political Science, History, or Sociology. Eighteen semester hours are required for a minor.



The minor requirements are designed to meet the State Board of Education Certification Requirements for teaching a specific subject.

## ECONOMICS

SOCIAL SCIENCE (TV) 15-16. *The American Economy*. Three credits a semester.

This course is presented in five half-hour lessons each week for thirty-two weeks. Presented nationally by the Learning Resources Institute, the course is jointly sponsored by the American Economic Association, Joint Council on Economic Education, and the National Task Force on Economic Education. (*Not offered 1963-64.*)

SOCIAL SCIENCE 29. *Introduction to Economics*. Offered each semester; 3 periods a week; 3 credits.

This course deals with the goals of our economy, income and its distribution, competition, labor unions, debts and money, prosperity and depression, control of economic fluctuations, economic growth, our international trade and our government and economy. *Required for majors in Business Education.*

SOCIAL SCIENCE 49. *Economic Problems*. 2nd semester; 3 periods a week; 3 credits.

Designed to acquaint the student with the nature and functioning of our free enterprise system. Emphasis is upon such problems as conservation, financial security, labor unrest, taxation, public debt, inflation, depression, relationship of government to business. *Required for majors in Business Education. Prerequisite: S. S. 29. Introduction to Economics.*

SOCIAL SCIENCE 52. *Economic Ideas and Theories*. Three periods a week; 3 credits.

This course is designed to acquaint the student with the major economic thought from early times to the present. The classical literature will be examined and the important ideas and theories will be analyzed and compared.

SOCIAL SCIENCE 58. *Communism vs. Capitalism*. Offered each semester; eight weeks; 4 periods a week; 2 credits.

This course compares the communistic and capitalistic economic systems with a special emphasis on production, methods of production and the consumer. The main ideas of Karl Marx and Lenin will be compared with leading capitalistic theorists.

SOCIAL SCIENCE 77. *Comparative Economic Systems*. Three periods a week; 3 credits.

A comparison between communism, socialism, fascism, and capitalism will be made. The economic systems of the world's major powers will be analyzed in terms of production, distribution of income, population, and other important factors. *Prerequisite: S. S. 29. Introduction to Economics.*

SOCIAL SCIENCE 78. *Economic History of the United States*. Three periods a week; 3 credits.

The changing pattern of agricultural and industrial production from colonial times; the rise of the modern corporation and the labor movement; the changing class structure; the development of business and banking institutions; and comparative standards of living. *Prerequisite: S. S. 33-34. United States History.*

SOCIAL SCIENCE 79. *Principles of Investment*. Offered each semester; 2 periods a week; 2 credits.

This course will offer the student some theories and practices of investment in a free enterprise economic system. An analysis of stocks, bonds, investment trusts, insurance, real estate, the operation of the stock market and other elements of investment.

## GEOGRAPHY

SOCIAL SCIENCE 20. *Physical Geography*. Offered each semester; 3 periods a week; 3 credits.

Physical aspects of man's environment. Special emphasis will be on interrelationships between weather and climate, landforms, natural vegetation, soils, and minerals. *Required for Curriculum I majors.*



SOCIAL SCIENCE 30. *Human Geography*. 2nd semester; 3 periods a week; 3 credits.

Man's adaptation to his environment. Such phenomena as population distribution, settlement patterns, ways of making a living, and various culture patterns will be investigated. *Prerequisite: S. S. 20. Physical Geography.*

SOCIAL SCIENCE 36. *Geography of Anglo-America*. 1st semester; 2 periods a week; 2 credits.

A regional study of the United States and Canada organized from the geographical point of view and based upon the distribution of physical and cultural features. Special consideration is given to the distribution of different kinds of production throughout countries.

SOCIAL SCIENCE 37. *Geography of Latin America*. 2nd semester; 2 periods a week; 2 credits.

A geographical approach to physical and cultural aspects of Latin America. Emphasis is placed on population distribution, past and present, as influenced by these physical and cultural factors.

SOCIAL SCIENCE 45. *Economic Geography*. Offered each semester; 3 periods a week; 3 credits.

Deals with the geographic factors influencing successful production, manufacturing, transportation, and man's use of the leading commodities from such sources as the farm, the mine, and water bodies. Recent changes and adjustments are stressed.

SOCIAL SCIENCE 46. *Geography of Europe*. 1st semester; 2 periods a week; 2 credits.

A regional study of the continent dealing with environmental background. Particular emphasis is placed upon physical elements of position, relief, and climate that have made Europe an important continent.

SOCIAL SCIENCE 47. *Geography of Asia*. 2nd semester; 2 periods a week; 2 credits.

The regions of the principal Asiatic countries are studied, observing how people in each area are influenced by natural

environment. Past contributions of the continent and the future development of economic importance and trade are considered.

SOCIAL SCIENCE 59. *World Population*. Offered each semester; eight weeks; 4 periods a week; 2 credits.

A geographic survey and analysis of population distribution over the earth's surface and resulting problems.

SOCIAL SCIENCE 70. *The Geography of World Power*. 2nd semester; 3 periods a week; 3 credits.

A study of geographic factors as they relate to political and economic conditions in both the United States and the World. Special consideration will be given to areas of current interest. *Prerequisite: six semester hours of history.*

### GOVERNMENT

SOCIAL SCIENCE (TV) 5-6. *American Government*. Three credits a semester.

This course is presented in five half-hour lessons each week for thirty-two weeks. It is an NBC Continental Classroom program sponsored jointly by the American Political Science Association, The National Council for the Social Studies, and the National Council of Teacher Education. (*Not offered 1963-64.*)

SOCIAL SCIENCE 25. *United States Government*. 1st semester; 3 periods a week; 3 credits.

This is a basic course in the American political system, having for its fundamental purpose the development of responsible citizenship. Detailed coverage will be made of the origin, structure, functions, and current trends of national government. Some comparison is made of the structure and ideologies of American and foreign governments.

SOCIAL SCIENCE 26. *State and Local Government*. 2nd semester; 3 periods a week; 3 credits.

This is a study of state and local government in the United States, with particular focus on Virginia. Emphasis is placed on



an understanding of the framework, functions, and problems of state and local (rural and urban) governments, and the responsibilities of the individual citizen.

SOCIAL SCIENCE 57. *Totalitarianism vs. Democracy*. Offered each semester; eight weeks; 2 credits.

A survey of the main political ideas and theories related to the issue of democracy versus totalitarianism. Students will be introduced to the classical literature including Machiavelli, Bodin, Hobbes, Locke, Montesquieu, Rousseau, Nietzsche, and Pareto.

SOCIAL SCIENCE 69. *Political Parties, Pressure Groups, and Propaganda*. 1st semester; 3 periods a week; 3 credits.

This course is a study of national political parties and elections. Attention is given to the origin and evolution of the major and important minor parties, the nomination and election process, the presidential campaign, the role and practical working of political parties, the influence of public opinion and pressure groups, and the responsibilities of the individual voter.

SOCIAL SCIENCE 74. *Comparative Government*. 2nd semester; 3 periods a week; 3 credits.

Comparative analysis by countries of constitutions, political structures, and functions, with major emphasis upon the United States, the United Kingdom, France, West Germany, and Russia.

SOCIAL SCIENCE 81. *International Relations*. 1st semester; 3 periods a week; 3 credits.

This course is a study of some of the principles and factors affecting international relations. The main purpose is to promote an understanding of the behavior of nations in their relations with one another. Some of the topics covered are the elements of national interest, international law, and the conduct of diplomacy.

SOCIAL SCIENCE 82. *Contemporary World Problems*. 2nd semester; 3 periods a week; 3 credits.

This course is an analytical study of some of the outstanding world problems of today, those studied being determined by

the exigencies of the moment. Some representative topics are world politics in the atomic age, the nature of the East-West conflict; the Middle East, the rise of nationalism, and international organization and the quest for peace.

## HISTORY

SOCIAL SCIENCE 33-34. *United States History*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester. (Year course.)

This course deals with the rise and development of our country and its institutions from colonial times to the present. Attention is given to the evolution and character of the government and to the social, economic, and cultural growth of the nation. A special effort is made to develop an appreciation of our national heritage and to promote effective citizenship by providing an understanding of our democracy and its problems.

SOCIAL SCIENCE 50. *Virginia History*. Offered each semester; 3 periods a week; 3 credits.

This is a study of the history of Virginia from colonial times to the present. Attention is given to current political, economic, and social problems and conditions. *Prerequisite: S. S. 33-34. United States History.*

SOCIAL SCIENCE 55-56. *History of Civilization*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

This course deals with important historical developments from earliest times to the present, with special attention to recent centuries. Emphasis is given to the rise and decline of great civilizations and to their lasting contributions to mankind. Significant personalities, discoveries, inventions, and movements are stressed. The entire course is presented with the specific purpose of aiding students to understand the contemporary world and its problems.

SOCIAL SCIENCE 65. *Europe from 1815 to 1870*. 1st semester; 3 periods a week; 3 credits.

This course surveys political and diplomatic history from the Peace of Vienna to the Franco-Prussian War. Emphasis is



given to such significant movements as nationalism, romanticism, the Industrial Revolution, and the beginnings of socialism.

SOCIAL SCIENCE 66. *Europe Since 1870*. 2nd semester; 3 periods a week; 3 credits.

This course surveys political and diplomatic history to the present. Attention is given to the intellectual and social climate of the period, to the growth of democracy and of communism, and to developments in the arts, literature, and scientific thought.

SOCIAL SCIENCE 80. *The History of Modern Russia*. 2nd semester; 3 periods a week; 3 credits.

An introduction to the history of nineteenth and twentieth century Russian history. Emphasis will be placed on the decline of imperial Russia, the origin of the revolutionary movement, and the rise of the contemporary Soviet State.

SOCIAL SCIENCE 83. *Early England*. 1st semester; 3 periods a week; 3 credits.

This course is a survey of England during her formative centuries. Emphasis is given to the mingling of the races and the making of the nation. Special attention is given to the evolution of British government and also to its influence upon the political ideas and institutions of the United States.

SOCIAL SCIENCE 84. *England and the Empire-Commonwealth*. Three periods a week; 3 credits.

This course traces the history of England from the early eighteenth century down to the present. Emphasis is placed upon the development of the cabinet form of government, the industrial revolution, and particularly to the growth and organization of the Empire-Commonwealth and its role in world affairs.

SOCIAL SCIENCE 88. *Ancient History*. Three periods a week; 3 credits.

This course is a survey of the rise and fall of ancient civilizations with concentration on the contributions of Greece and Rome to western civilization.

SOCIAL SCIENCE 89. *The History of Modern Asia*. 2nd semester; 3 periods a week; 3 credits.

An introduction to the history of India, China, Japan, Korea, and Southeast Asia during the past century. Emphasis will be placed upon the impact of Western Civilization upon the area and the consequent internal political, economic, and intellectual changes.

SOCIAL SCIENCE 90. *Civil War and Reconstruction*. 1st semester; 3 periods a week; 3 credits.

This course is a detailed study of the background, developments, personalities, and aftermath of the Civil War. Opportunity will be provided for informal discussion and for research based on individual interests.

### SOCIOLOGY

SOCIAL SCIENCE 39. *Principles of Sociology*. Offered each semester; 3 periods a week; 3 credits.

A study of the interrelationship of kinship, occupation, religion, education and social stratification in present day United States.

SOCIAL SCIENCE 48. *Social Problems*. Offered each semester; 3 periods a week; 3 credits.

Designed to introduce the student to the nature of social organization and social disorganization. Emphasis is on problems relating to family behavior, juvenile delinquency, social stratification, social mobility, and mental health.

SOCIAL SCIENCE 60. *Modern Social Movements*. 1st semester; 3 periods a week; 3 credits.

This course is organized to introduce the student to some of the major social movements since 1800. The focus of attention will be on social and cultural change and will include such topics as urbanization, industrialization, the cooperative movement, the labor movement and some special studies of unrest and change.



SOCIAL SCIENCE 67. *Cultural Anthropology*. Offered each semester; three periods a week; 3 credits.

The purpose of this course is to acquaint the student with man in the primitive world including such topics as prehistoric times, primitive technology and culture, and cultural and social evolution. Emphasis will be placed on the study of social change.

SOCIAL SCIENCE 68. *Community Organization*. 2nd semester; 3 periods a week; 3 credits.

Studies of rural and urban communities are used as a means of understanding social organization at the community level. Helpful for making effective use of human resources within the community.

SOCIAL SCIENCE 87. *Social Welfare*. 2nd semester; three periods a week; 3 credits.

The purpose of this course is to provide an understanding of the philosophy and practices of modern social welfare. It includes the study of social case work, public assistance programs, family and child welfare, probation and parole and other service functions.

#### SOCIAL SCIENCE

SOCIAL SCIENCE 99. *Special Studies in the Social Sciences*. Offered each semester; 3 credits a semester.

Designed to give capable students in social science an opportunity to do independent study under faculty supervision. The student may do special work in any of the following: Economics, Geography, Government, History, and Sociology or Anthropology. *Prerequisite: Recommendation of the instructor and permission of the head of the department.*

## Division of Teacher Education

MR. CALDWELL, *Director*

### DEPARTMENT OF EDUCATION AND PSYCHOLOGY

MR. CHARLES G. CALDWELL	<i>Professor; Head of the Department</i>
MR. JOHN C. COPP	<i>Assistant Professor of Education</i>
MR. CLARENCE R. HAMRICK	<i>Associate Professor of Education</i>
MISS JANET C. HOPKINS	<i>Assistant Professor of Education</i>
MISS MILDRED D. HOYT	<i>Professor of Education</i>
MRS. PAULINE JONES	<i>Assistant Professor of Education</i>
MISS M. MAE KELLY	<i>Associate Professor of Education</i>
MR. WILLIS B. KNIGHT	<i>Assistant Professor of Education</i>
MISS PHYLLIS MEEK	<i>Assistant Professor of Education</i>
MRS. MARY O. MURPHY	<i>Assistant Professor of Education</i>
MR. RAYMOND J. POINDEXTER	<i>Professor of Education</i>
MR. E. L. TOLBERT	<i>Professor of Education</i>
MR. JOSEPH TOMS, JR.	<i>Assistant Professor of Education</i>
MR. LEWIS O. TURNER	<i>Associate Professor of Education</i>
MISS COLUMBIA WINN	<i>Associate Professor of Education</i>

### LABORATORY SCHOOL EXPERIENCES STAFF

MR. RAYMOND J. POINDEXTER *Director*

#### COORDINATORS OF STUDENT TEACHING

Harrisonburg—MR. M. H. BELL, *Superintendent*

Rockingham County—MR. WILBUR S. PENCE, *Superintendent*

#### FIELD SUPERVISORS

##### For Elementary Education

MISS JANET HOPKINS, *Assistant Professor*

MRS. PAULINE JONES, *Assistant Professor*

##### For Secondary Academic

MRS. MARY O. MURPHY, *Assistant Professor*

MR. JOSEPH TOMS, JR., *Assistant Professor*



## For Business Education

MISS SARA ANDERSON, *Assistant Professor*

## For Home Economics Education

MISS MARTHA SIEG, *Assistant Professor*

## For Music

MR. ROBERT C. SMITH, *Assistant Professor*

## For Physical and Health Education

MISS PATRICIA J. BRUCE, *Associate Professor*

## ANTHONY-SEEGER CAMPUS SCHOOL

MR. TURNER, *Director*MISS EMILY V. BUSHONG, *Assistant Professor*, Supervisor of Sixth GradeMISS RUTH COOPER, *Assistant Professor*, Supervisor of Second GradeMRS. MILDRED DICKERSON, *Assistant Professor*, Supervisor of Nursery SchoolMRS. JACQUELINE D. DRIVER, *Assistant Professor*, Supervisor of Fourth GradeMRS. ZULA H. HERRING, *Assistant Professor of Library Science*, LibrarianMRS. LYDIA PURSER MEEKS, *Assistant Professor*, Supervisor of Fifth GradeMRS. ANGELA S. REEKE, *Assistant Professor*, Supervisor of Third GradeMISS EVELYN WATKINS, *Assistant Professor*, Supervisor of First GradeMISS ELSIE WIGLEY, *Assistant Professor*, Supervisor of Kindergarten

## STUDENT TEACHING STAFF

(Rockingham County and Harrisonburg)

MISS GRACE HERR, *Assistant Professor*, Supervisor in Secondary School (Business Education)

MISS KATHARINE SIEG, *Assistant Professor*, Supervisor in Secondary School (English)

MISS ROSALIND TRENT, *Assistant Professor*, Supervisor in Secondary School (English, Social Studies)

Representatives from Subject Matter Departments—1962-63

Art—MISS GROVE

Biology—MISS PLEASANTS

Business Education—MR. WALSH

Chemistry—MR. PARTLOW

English—MR. CURTIS

Foreign Language—MRS. NEATROUR

Geology—MR. HARNSBERGER

Home Economics—MRS. LOCKARD

Library Science—MR. PALMER

Mathematics—MR. BEASLEY

Music—MISS BURAU

Physical Education—MISS BLACKMON AND MR. LONG

Physics—MR. WELLS

Social Science—MRS. BLAIR

## Education and Psychology

MR. CALDWELL, *Head of the Department*

MR. COPP, MR. HAMRICK, MISS HOPKINS, MISS HOYT, MRS.

JONES, MISS KELLY, MR. KNIGHT, MISS MEEK, MRS.

MURPHY, MR. POINDEXTER, MR. TOLBERT, MR.

TOMS, MR. TURNER AND MISS WINN

*Laboratory School Experiences Staff:* Mr. Poindexter, Director.  
Coordinators of Student Teaching: Mr. Bell, Mr. Pence.  
Field Supervisors: Miss Anderson, Miss Bruce, Miss Hopkins,  
Mrs. Jones, Mrs. Murphy, Miss M. Sieg, Mr. R. C. Smith, Mr.  
Toms. Student Teaching Staff: Miss Herr, Miss K. Sieg, Miss  
Trent.



*Anthony-Seeger Campus School Staff:* Mr. Turner, Director; Miss Bushong, Miss Cooper, Mrs. Dickerson, Mrs. J. Driver, Mrs. Herring, Mrs. Meeks, Mrs. Reeke, Miss Watkins, Miss Wigley.

## EDUCATION

EDUCATION 57. *Social Studies in the Elementary School.* 1st semester; 3 periods a week; 3 credits.

This course is designed to examine the content of the Social Studies, materials available in this area, and ways of organizing the group for learning.

EDUCATION 58. *Teaching of Arithmetic in the Elementary School.* 2nd semester; 3 periods a week; 3 credits.

Consideration will be given to the use of manipulative, visual, and symbolic materials to give meaning to the number system, and to help the child to gain an understanding of number operations with whole numbers, fractions and decimals. The prospective teacher will consider what the pupil must learn, what the order of their learning must be, and what they must do to learn. Designed for students in Curriculum I.

EDUCATION 59. *Reading in the Elementary School.* Offered each semester; 3 periods a week; 3 credits.

This is a basic course in the teaching of reading in the elementary school. The materials and procedures which are used in the modern school system are studied. Attention is given to teacher-made materials for use in the reading program. Testing for readiness and achievement in reading is emphasized.

EDUCATION 60. *Foundations of Curriculum.* Offered each semester; 3 periods a week; 3 credits.

This course deals with a study and evaluation of the factors, ideas, and issues which influence the public school curriculum. Consideration is given to such topics as: basic ideas which influence organization and content; various programs found in theory and practice; and the scope and sequence of the curriculum. *Prerequisite:* Psy. 33-34, or equivalent.

EDUCATION 64. *Reading Problems*. 2nd semester; 3 periods a week; 3 credits.

An advanced course in reading. Students give reading tests and interpret results. They plan remedial programs and as far as schedules allow, participate in corrective work. Students have an opportunity to improve their own reading habits. Two class meetings a week and one laboratory period to be arranged at time of registration.

EDUCATION 69. *Methods and Materials in Teaching in the Elementary Grades*. 2nd semester; 3 periods a week; 3 credits.

This course is planned for those students preparing to teach in the elementary school. This is an integrated methods course designed to meet the developmental needs of children in the various subject fields included in the elementary school curriculum. *Prerequisite: Ed. 60, or equivalent.*

EDUCATION 70. *Methods and Materials in Teaching in the Secondary School*. Offered each semester; 3 periods a week; 3 credits.

This course is planned for those students preparing to teach in the secondary school. This is an integrated methods course designed to meet the developmental needs of youth in the various subject fields included in the secondary school curriculum. *Prerequisite: Ed. 60, or equivalent.*

EDUCATION 80. *History and Philosophy of Educational Thought*. Offered each semester; 3 periods a week; 3 credits.

This course includes a critical analysis of current problems of teachers as they relate to the major philosophies of modern education. *Prerequisite: Ed. 69, or Ed. 70, or equivalent.*

EDUCATION 85. *Guidance in the High School*. 1st semester; 3 periods a week; 3 credits.

This course emphasizes the role of the classroom teacher in the high school guidance program. How to help adolescents solve their problems is one of the chief considerations. Experience in the use of standardized tests and other means of



obtaining information about students is provided. Techniques of counseling are demonstrated.

EDUCATION 89. *Laboratory in Remedial Reading*. Offered each semester; 1-3 periods a week; 1-3 credits a semester.

This course consists of supervised teaching in the Reading Center. The work includes diagnosing of reading difficulties, planning remedial programs, and teaching a person who is enrolled at the Reading Center. The students will have opportunity to observe and participate in all phases of work with those who need special help in reading. This course is offered either on the block plan or for the full semester. *Prerequisite: Ed. 59 and/or Ed. 64, and the permission of the instructor.*

EDUCATION 90. *Directed Teaching*. Offered each semester; 6 credits.

Work under the direction of supervisors in the several training schools. Organization of materials for teaching, experience in classroom activities—direct teaching, guidance, recreation, study, management; teaching under public school conditions. *Prerequisite: Ed. 60, Ed. 69, Ed. 70, or equivalent.* Required in Curricula I, II, III, V, and VI.

Additional credit in directed teaching by approval in Ed. 90A, 3 semester credits; or Ed. 90B, 6 semester credits; Ed. 90C, 8 semester credits.

EDUCATION 90x. Library Science majors may elect Ed. 90x for four semester hours in student teaching and four semester hours in directed library service.

EDUCATION 99. *Independent Studies in Education and Psychology*. Offered each semester; 3 credits.

This course is designed to give capable students an opportunity to do independent research on educational or psychological problems under faculty guidance. The plan for the study must be presented to the Head of the Department for approval.

## PSYCHOLOGY

A *major* in psychology will include Psy. 31-32 or Psy. 33-34, Psy. 57, Psy. 85, Psy. 88, and 15 additional semester hours in psychology recommended by the department head. A *minor* will include 18 semester hour credits in psychology, recommended by the department head.

PSYCHOLOGY 10N. *Psychology for Students of Nursing*. 2nd semester; 3 periods a week; 3 credits.

The physical basis of mental life, the endocrine glands, the motivation of behavior, socialization, adjustment to life, personality development, psychosomatic illness, psychoneuroses, psychoses, learning and re-education. *Open only to student nurses of the Rockingham Memorial Hospital.*

PSYCHOLOGY 31-32. *General Psychology*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester. (Year course.)

An introduction to the study and interpretation of human behavior in its development from infancy through adulthood. Emphasis will be placed on the social and physiological factors which influence the developing individual. Consideration will be given to such topics as perception, motivation, emotion, personality, intelligence, and learning. Some attention will be given to the behavior of lower animals. Required in Curricula VII, VIII, IX, X, XI, and XII. Those students who are interested in teaching can elect Psy. 33-34 in lieu of Psy. 31-32.

PSYCHOLOGY 33-34. *Human Growth and Development*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester. (Year course.)

An overview of the significant principles describing human development and behavior and the relation of these principles to the work of the school. Case studies, observation of groups and of an individual child, are an integral part of the course.

This course is designed to meet the Virginia certification requirements in the area of human growth and development. Required in Curricula I, II, III, IV, V, and VI. Those students in Curricula VII, VIII, IX, X, XI, and XII, who are interested in teaching can elect Psy. 33-34 in lieu of Psy. 31-32.



PSYCHOLOGY 57. *Psychology of Personality*. 1st semester; 3 periods a week; 3 credits.

This course deals with the development of human personality, particularly in the early stages. The implication of mental hygiene for the school child and for the teacher will be studied. Special emphasis will be placed on the interplay of heredity and the various forces of environment and of society on the development of the integrated personality. Personality tests will be given and class and individual discussions of personality problems will be included. *Prerequisite: Psy. 31-32, Psy. 33-34, or equivalent.*

PSYCHOLOGY 58. *Abnormal Psychology*. 2nd semester; 3 periods a week; 3 credits.

This course includes origin and classification of mental abnormalities and also a survey of diagnosis, therapy, and prevention. Some attention is given to cultural and philosophical factors with emphasis on creative self-actualization as a standard of mental health. *Prerequisite: Psy. 31-32, Psy. 33-34, or equivalent.*

PSYCHOLOGY 69. *Psychology of Early Childhood*. 1st semester; 2 lecture hours and 2 hours participation in the Nursery School or Kindergarten each week; 3 credits.

Techniques of guiding young children based on an understanding of the preschool child are explored in this course. The philosophy of early childhood education is analyzed and basic principles and practices are examined. *Prerequisite: Psy. 31-32, Psy. 33-34, or equivalent.* Enrollment limited.

PSYCHOLOGY 76. *Psychology of Exceptional Children*. 1st semester; 3 periods a week; 3 credits.

This course deals with the problems of exceptional children. The major purpose is to gain a functional understanding of the various types of psychological and physical deviates, both as to the genesis of their behavior processes, their treatment, and the guiding principles involved in their education. *Prerequisite: Psy. 31-32, Psy. 33-34, or equivalent.*

PSYCHOLOGY 78. *Psychology of Learning*. 1st semester; 3 periods a week; 3 credits.

This course deals with learning as a developmental process. The various learning theories are examined and implications for classroom teaching stressed. This course is particularly valuable for students preparing to teach. *Prerequisite: Psy. 31-32, Psy. 33-34, or equivalent.*

PSYCHOLOGY 79. *Growth and Development in Adolescence*. 2nd semester; 3 periods a week; 3 credits.

This course is designed to examine and describe the essential nature of adolescence in the light of objective evidence provided by modern psychological research. Open to all students, this course is particularly valuable for students preparing to work with adolescents. *Prerequisite: Psy. 31-32, Psy. 33-34, or equivalent.*

PSYCHOLOGY 80. *Laboratory in Child Study*. 2nd semester; 2 lecture hours and 2 hours participation in the campus school each week; 3 credits.

Designed for students in the teaching curricula, this course will deal with the many sources of data about children, the ways of collecting and recording these data, and the techniques employed in analyzing recorded information about children and in using the findings to provide better learning environments. Each student will observe child behavior and participate in the program of the campus school. *Prerequisite: Psy. 31-32, Psy. 33-34, or equivalent.*

PSYCHOLOGY 85. *Psychology of Motivation*. 1st semester; 3 periods a week; 3 credits.

This course involves an advanced study of motivation in relation to perception, learning, emotions, and problem solving. Much attention is given to current experimental methods and data. *Prerequisites: 12 semester credit hours in psychology including Psy. 31-32 or Psy. 33-34 or equivalent; and either Psy. 57 or Psy. 88.*



PSYCHOLOGY 86. *Trends in Modern Psychology*. 2nd semester; 1 double and 2 single periods a week; 3 credits.

A study of the more recent developments of the so-called "schools of psychology", including a study of the experimental contributions of each school. A selected number of experiments will be performed by the class and by individuals and wide reading in current psychological literature, in both the theory and the experimental work of each school, will also be required. *Prerequisite: Psy. 31-32, Psy. 33-34, or equivalent, and Psy. 85.*

PSYCHOLOGY 88. *Social Psychology*. 1st semester; 3 periods a week; 3 credits.

A study of the psychological factors involved in social behavior. Considers the interaction of personalities in society, resulting in social attitudes, culture, and institutions. The development of such phenomena as customs, crowd behavior, clubs, public opinions, propaganda, leadership, and problems of community life will be considered. *Prerequisite: Psy. 31-32, Psy. 33-34, or equivalent.*

PSYCHOLOGY 89. *Mental Tests and Measurements*. 2nd semester; 3 periods a week; 3 credits.

This course deals with the procedures and use of a testing program. Mental, personality, achievement, and aptitude testing is included. Students score and interpret test results. Statistical procedures necessary to interpret scores are studied. *Prerequisite: Psy. 31-32, Psy. 33-34, or equivalent.*

## PART EIGHT

### Expenses and Financial Aid

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Madison College, because it is a State school, is partly financed by the people of Virginia. And because Madison endeavors to serve the people of Virginia, all the cost—both to the taxpayers and to the students—has been held as low as possible.

This section of the catalog presents ★

★ EXPENSES

★ PAYMENTS

★ WITHDRAWALS

★ REFUNDS

★ GUESTS

★ THE CAMPUS BANK

★ SCHOLARSHIPS AND LOANS



## Expenses

Listed below are the various fees charged undergraduate students at Madison College. *The College reserves the right to adjust these fees and charges if deemed advisable by the State Board of Education because of rising costs or other conditions.*

### REGULAR FEES

	<i>Per Semester</i>	<i>Per Year</i>
1. General Fee . . . . .	\$160.00	\$320.00
2. Student Activity Fee . . . . .	10.00	20.00
3. Room, Board, and Laundry . . . . .	235.00	470.00
4. Tuition Fee Required of Non-Virginia Students Only . . . . .	82.50	165.00
5. Service Fee for Full-Time Day Stu- dents (carrying 4 or more courses —nurses excepted) . . . . .	6.00	12.00

### SUMMARY

	<i>Per Semester</i>	<i>Per Year</i>
Virginia Day Student . . . . .	\$176.00	\$352.00
Virginia Boarding Student . . . . .	405.00	810.00
Non-Virginia Day Student . . . . .	258.50	517.00
Non-Virginia Boarding Student . . . . .	487.50	975.00

This summary includes the charges per semester for room (\$75.00), board (\$147.50), laundry (\$12.50), and all other charges except for music.

*Student Activity Fee:* A charge of \$10.00 per semester is made for *all students* and is used to finance the various student organizations, publications, and the Entertainment Course. From the collections of this fee, each student is also furnished, without extra charge, a copy of the College annual, *Bluestone*, and a subscription to the College newspaper, *The Breeze*.

*Non-Virginia Students' Fee:* As is noted above, an additional tuition fee is required of students who are not residents of Virginia. Chapter 1, Section 23-7 of the Virginia School Laws pro-

vides that a student is not entitled to the rates for Virginia students "unless such person has been a bona fide citizen or resident of Virginia for a period of at least one year prior to admission to said institution."

*Service Fee for Day Students:* A fee of \$6.00 per semester is charged all full-time day students to cover expenses for day-student lounges and other facilities provided for them on the campus.

*General Fees for Student Nurses* (Rockingham Memorial Hospital): One half of regular charge by special authorization of the State Board of Education.

*Out-of-State Tuition:* \$16.50 per course, per semester.

*Graduate Students:* For students taking graduate courses at the College as evening classes the charge is \$40.00 for each course carrying 3 semester hours of credit. For non-Virginia students, the out-of-state tuition fee will be \$16.50 for each course.

Graduate students registering for thesis work will pay a fee of \$80.00. This amount is to be paid only once.

*Part-time Students:* There is a maximum charge for three courses at the rate of \$32.00 a course per semester, and an additional charge of \$16.50 for each course for out-of-state tuition for each student who has not been a bona fide citizen of Virginia for at least one year; for four or more courses full rates are charged.

*Student Teaching:* Any student taking student teaching will be classed as a full-time student and will be charged full rates.

*Auditor's Fee:* A charge of \$3.50 per week or \$17.50 per semester is made for the privilege of auditing a course.

*Music Fees:* For individual lessons in music: voice, piano, violin, organ, or other orchestral instruments, the fees will be as follows:

1. Instruction in voice, piano, violin, or other orchestral instrument



	<i>Fee</i>	<i>Practice</i>	<i>Total</i>
2 half-hour lessons per week per semester.....	\$50.00	\$ 5.00	\$55.00
1 half-hour lesson per week per semester.....	30.00	5.00	35.00
1 to 15 lessons per semester, each....	1.90	.30	2.20

## 2. Instruction in organ

2 lessons per week per semester.....	\$50.00	\$10.00	\$60.00
1 lesson per week per semester.....	30.00	10.00	40.00
1 to 15 lessons per semester, each....	1.90	.60	2.50

The number of lessons each student wishes to take will be arranged with instructors at the time of registration. A registration fee of \$7.50 per semester is charged music students who register only in courses given as private or individual instruction, if they desire, and are qualified for college credit for such course or courses.

*Diploma Fee:* A fee of \$5.00 will be charged for a Bachelor's diploma and a fee of \$7.50 for a Master's diploma.

*Special Examination Fee:* A charge of \$5.00 is made for each deferred examination and for the one re-examination permitted each senior. Permission to take the deferred examination must be obtained from the Dean of the College. The permission slip along with a receipt from the Treasurer's Office must be presented to the instructor prior to the examination.

*Fee for Course or Schedule Adjustment:* Upper class students who desire to make changes in courses or schedule for the *first semester* are required to do this on the day set aside for that purpose during the September registration period. Students who make adjustments at times other than the designated date are subject to a fee of \$5.00.

A student is subject to a fee of \$5.00 for any changes in courses or schedule for the *second semester* at a time other than that designated for adjustments at the beginning of the second semester. This fee may be excused if circumstances requiring changes are completely beyond the student's control and if the change is approved by the Dean of the College.

*Fee for Late Registration:* A student is subject to a fee of \$5.00 if he does not complete registration at the designated time. The Dean of the College may allow exceptions due to extenuating circumstances.

*Books and Supplies:* The cost of textbooks varies according to the classes in which the student is registered, but this amount may be greatly reduced by reselling the books and by purchasing secondhand texts from the College Bookstore.

*Post Office Fee:* Each student is required to pay a fee of \$1.00 per session for the use of a post office box. This fee is payable directly to the College Post Office, on the ground floor of Harrison Hall.

*Room, Board, Laundry, and Infirmary:* The College has dormitory and boarding facilities for approximately 1100 women students.

1. Room, board, laundry, and infirmary . \$235.00 per semester
2. Board for men students . . . . . \$147.50 per semester
3. Laundry fee for men students  
(optional) . . . . . \$ 12.50 per semester

## PAYMENTS

All fees and expenses are to be paid at the beginning of each semester. By special arrangement with the Business Manager of the College, the semester expenses of boarding students may be paid in two installments, if a parent cannot make full payment at the first of a semester.

In accordance with a regulation of the State Board of Education, no credit for college work may be given to any student for a diploma, a teacher's certificate, or for transfer purposes until all debts to the College other than student loans have been paid. Students will not be eligible to take examinations unless accounts are either paid in full for the current semester or a satisfactory plan to pay the balance has been arranged with the Business Manager.

*Advance Payments:* An Application Fee of \$10.00 is required of *all* students, (both *day* and *boarding*). For new



students, this payment must accompany the application for admission; for upper-class students, the payment must be made at the Treasurer's Office before *April fifteenth* by those planning to return to college during the following session. This fee is not refundable, will not be transferred to another session and will not be credited to the student's account. For *all* boarding students (both new and upper-class), an additional advance payment of \$75.00 will be required in order to hold the room reservation, which payment must be made by upper-class students before *April fifteenth* and by new students before *May first*. It will be credited to the student's account when registration is completed in September. This payment is not refundable after *May first* except for personal illness certified by a physician, for unavoidable emergency or other extenuating circumstances approved by the President, or for upper-class students who do not have the required quality point rating by the end of the summer session.

#### MEDICAL SERVICE FOR STUDENTS

The Infirmary, staffed by a college physician and trained nurses, provides health and medical service for all full-time students. This service covers the furnishing of simple remedies and of ordinary nurse's and physician's attendance. It will not cover the cost for the student of specially compounded prescriptions, special private nursing, hospital care in serious and protracted cases, surgical operations, or the service of specialists; but for practically all students it will cover all requirements for medical attention and supplies.

Day students who are eligible for infirmary service will receive the same medical service as boarding students except that they will not be entitled to room and board at the infirmary.

#### STUDENT TEACHERS IN THE FIELD

Boarding students who are assigned student teaching in the field, making it necessary to live off campus, will have their charges for board, room and laundry reduced for time not in residence at the College.

## WITHDRAWALS

*Voluntary Withdrawals:* A student desiring to withdraw from college must have a conference with the Dean of Students who will then report on the case to the President of the College. The President must approve such requests; in his absence approval may be given by the Dean of the College. For a minor, written permission from the parent or guardian must be furnished. When the President and Deans are cognizant of the full situation and reasons for desiring to withdraw, suggestions and recommendations may be made which may enable a student to remain in college.

Withdrawal request blanks are available in offices of the Dean of Students and the College Registrar. All withdrawal requests should be filled out on the official printed forms and submitted to the Dean of Students on the date of withdrawal. Strict compliance with this requirement is mandatory. No adjustment in charges will be made unless the filled-in and signed withdrawal form is furnished to the President within thirty days after withdrawal from the College.

*Enforced Withdrawal:* Students who are persistently neglectful of duty or whose conduct fails to measure up to the standards of the College may be asked to withdraw or not return to college.

## REFUNDS

The following charges and refunds apply to students withdrawing from the College and to late entrances and absences.

*Fees:* (1) *Withdrawal from the College for reasons other than illness or unavoidable emergency.* A student who withdraws from College *within ten days* after reporting for registration will have all fees rebated except \$15.00 to cover the cost of registration. A student who withdraws from College *after ten days or before the middle of the semester* will be charged \$25.00 of the general fee and there will be no refund of other fees. A student, paying full fees, who withdraws *at the middle of the semester* will be charged one-half of the general fee and all other fees. No rebate of fees will be made after the middle of the semester.



(2) *Withdrawal from the College due to illness or unavoidable emergency.* A student who withdraws from College due to illness certified by a physician or for unavoidable emergency or other extenuating circumstances approved by the President of the College will be charged a pro rata share of all fees.

*Room Rent, Board, and Laundry:* The advance payment of room rent in the amount of \$75.00 will not be refunded except in case of personal illness, certified by a physician, or for unavoidable emergency or other extenuating circumstances to be approved by the President of the College. In such cases, the room rent will be prorated for the actual time in residence. Refunds for table board and laundry will be prorated for the time missed.

*Enforced Withdrawal:* Any refunds made to students whose connection with the College terminates on account of disciplinary action or enforced withdrawal will be at the discretion of the President of the College.

*Late Entrance and Absence:* No adjustment in the charge for room and board will be made for late entrance not in excess of ten days or absence not in excess of fourteen days.

## GUESTS

Students may invite relatives or friends to meals at the College by obtaining permission from the Dietitian and by purchasing the necessary meal tickets. Alumnae of the College are always welcome and are not charged for room accommodations for a period not exceeding two days. Those who remain for a longer period will be charged the regular rate of \$1.50 per day. Meal tickets for alumnae may be purchased from the Dietitian's Office. Alumnae eligible for this privilege must be former students who have attended the College for at least one full academic year. The privilege is not extended to students visiting the campus during the summer if they will be regular students for the ensuing session.

## THE CAMPUS BANK

The College desires that students shall not have on hand much spending money as extravagance of every kind is

discouraged. It further requests that spending money in any considerable amount not be kept in the student's room but be deposited with the Treasurer in the Student Deposit Fund, subject to withdrawal as needed. For this purpose, a banking system has been devised and students not only have the advantage of safety against loss, but also get valuable practice in business methods.

## Scholarships and Loans

The College endeavors in every way possible to assist capable students in financing their college education. We feel that funds expended for this purpose do much to improve the quality of living. We need more investments of this nature and it is heartening each year to note the increased number of scholarships becoming available to able students through gifts from individuals and from worthy scholarship projects of local community organizations. The following are the chief means of student assistance at Madison:

### STATE SCHOLARSHIP LOANS FOR PROSPECTIVE TEACHERS

The General Assembly of Virginia has provided funds for a number of scholarships at Madison College for students who are preparing to be teachers in the Virginia Public Schools.

#### *I. Eligibility.*

##### A. The candidate must:

1. Be a resident of Virginia who is preparing to teach in the Virginia Public Schools in the elementary grades or in subjects generally offered in Virginia high schools.
2. Possess scholastic ability and personal characteristics desirable for effective teaching.
3. Be a student classified as a freshman, sophomore, junior, or senior in a state-supported or private, non-sectarian, degree-granting college in Virginia approved under the scholarship plan.



4. Be enrolled in a curriculum including Student Teaching and qualifying him for a Collegiate Professional Certificate.
  5. Summer Quarter Study—A student who continues study in a summer quarter in order to secure a degree in less than four calendar years may be considered eligible for a Prorated Summer Quarter Scholarship Loan. This study should consist of approximately ten semester hours of credit toward the baccalaureate degree, and scholarship aid for this purpose will be available at the rate of \$117.00 per summer quarter.
- B. Only a limited number of carefully selected freshmen will be eligible. Such freshman candidates must:
1. Possess good scholastic ability as indicated by above average rank in his high school class and by above average score or rank on a standardized scholastic aptitude or achievement test.
  2. Have an established record of good citizenship and possess personal characteristics regarded as desirable for effective teaching.
  3. Possess such other qualifications as the college authorities may prescribe in picking out highly selected candidates.

## II. *Promissory Notes and Cancellation.*

Each candidate must agree to sign and execute a promissory note to the Commonwealth of Virginia for the amount of scholarship aid received, which obligation shall bear interest at the rate of 3% per year. This note must be endorsed by a responsible, adult resident of Virginia. The obligation including interest can be cancelled by teaching one full school year, for each scholarship received, in the public schools of Virginia *immediately following graduation* from college, and any amount uncanceled by such service shall be repaid at termination of teaching service, with the interest from date of note at 3% per year; provided, however, that for extenuating circumstances the State Board of Education may, in its discretion,

extend the time for teaching to cancel the loan or for repayment. If it becomes necessary for this note to be collected by an attorney, the maker and endorser hereby agree to pay fifteen per centum collection charges as an attorney's fee in addition to the amount due on same at the time of collection.

Each candidate must also agree that in case he or she fails to complete at the expected time the study, as shown on the application, for which the scholarship aid is given, leaves college before graduation, or leaves Virginia to complete graduation requirements, the note will become due and payable; provided, however, that for extenuating circumstances the State Board of Education may, in its discretion, extend the time for completion of study or the time for repayment.

The recipient of a scholarship is authorized to cancel the obligation including interest by teaching under contract one full year, for each year of scholarship aid received, in the public schools of Virginia after graduation from college.

If graduation program is shortened by including prorated Summer Quarter Scholarships with Regular Term Scholarships, the period of teaching to cancel the four or more loans will not extend over more than four school years.

Partial cancellation of the obligation, by teaching less than one school year, will be *allowed only in the discretion of the State Board of Education* when satisfactory evidence is furnished that the recipient of the scholarship aid has been prevented from completing a full year of teaching service because of circumstances beyond his or her control, such as illness or for other unavoidable reasons.

Not more than one year will be allowed for graduate study as a basis for postponing the cancellation of this obligation immediately following graduation; provided, however, that for extenuating circumstances the State Board of Education may, in its discretion, allow not more than two years.

When and if the candidate performs required military service, the time for teaching to cancel the promissory note will be postponed for the period of such required service. If the note is not cancelled by teaching, there will be no suspension of interest



because of the military service. If the maker voluntarily re-enlists, the note becomes due and payable, both principal and interest.

In the event of the death, or illness of prolonged and serious nature, of the recipient of scholarship aid prior to cancellation by teaching service, the State Board of Education may, in its discretion, cancel both principal and interest, in whole or in part.

### III. *Application Procedure.*

The application blanks for these scholarships must be obtained from a college authorized to recommend the scholarship applicants. *No application forms will be issued from the State Board of Education.* The Office of Admissions at Madison College issues the application blanks and processes them when they have been returned by the applicants. They are then recommended and forwarded to the State Board of Education for final approval. The deadline for filing an application for the Regular Term Scholarship is May 1st, and for the Prorated Summer Quarter Scholarship is April 1st. A separate application must be submitted each year for which the scholarship is desired. If the application is approved by the Board, the applicant will be notified through the College.

### IV. *Payment to Student.*

When the State Board of Education has approved a scholarship grant, the applicant must sign a promissory note in the proper amount bearing interest from date of note at 3% per year, which must be endorsed by a responsible, adult citizen of Virginia. When this note is accepted and the candidate is reported by the College as enrolled with a full program of work, a check WILL BE SENT TO THE RECIPIENT THROUGH THE COLLEGE.

These State Teachers Scholarships will be available in the maximum amount of three hundred fifty dollars (\$350.00) per nine months' session. If the application for scholarship aid is approved for less than a full school session of nine months, the amount of the loan cannot exceed \$117.00 per summer quarter or \$175.00 per semester.

## OTHER SCHOLARSHIPS

*Unfunded Scholarships:* In accordance with the provisions of Chapter 4, Sections 23-31 of the Laws of Virginia, State colleges are authorized, under rules and regulations to be fixed by their governing boards, to award unfunded scholarships in their respective institutions. All such scholarships shall be applied exclusively to the remission in whole or in part of instructional charges and shall not be renewed for any subsequent year after the first unless the holder maintains a high scholastic standard.

Madison College will award a number of these scholarships each year in the amount of \$150.00 for each regular nine months' session. These scholarships at Madison College are limited to Virginia students. Freshman students who wish to apply for such scholarships must have maintained a high scholastic standard in high school, must give evidence of possessing ability to pursue college work successfully, and need financial assistance in order to attend college. Applications for these scholarships are received by the Director of Admissions and Student Aid.

*General Undergraduate Scholarships:* The 1960 General Assembly established a program of Undergraduate Scholarships in the State Colleges for Virginia resident students. The grants are awarded upon the applicant's need, scholastic ability and accomplishment, and character. Depending upon need, the scholarships may not exceed \$350.00 each. Each scholarship is valid for one regular school year and may be renewed for succeeding years only upon renewal of application and continuing eligibility. Total scholarships for a four-year degree program may not exceed \$1,400.00

On forms provided by the State Department of Education and distributed to the applicants through the participating colleges, each candidate for a General Undergraduate Scholarship will furnish required, pertinent data to demonstrate need. High school principals will supply necessary supplementary information on scholastic ability and other accomplishments. Application forms for these scholarships may be secured from and are processed by the Director of Admissions and Student Aid at Madison College.



*The Duke Memorial Scholarship:* This scholarship has been established in memory of the late Samuel Page Duke, who served so ably as President of Madison College from 1919-1949. This scholarship is provided from funds by each senior class and is awarded annually to the member of the junior class who has the highest scholastic record for five semesters while a student at Madison College and it is available for the senior year.

*The Helen M. Frank Scholarship:* This is a scholarship of \$100.00 established by the alumnae of Psi Chapter, Alpha Sigma Tau, in honor of Miss Helen M. Frank, who served as adviser to the chapter from the date of its organization in 1944 until her retirement in 1960. The award is presented to a junior in Alpha Sigma Tau for outstanding scholarship and for possessing the ideals of the sorority.

*The Edna T. Shaeffer and Glee Club Scholarship:* This fund has been established as a memorial to Miss Shaeffer who served in the Madison Music Department and as Director of the College Glee Club for forty-one years, and to all former members of the Madison Glee Club. The award is presented to a music student, preferably a child of a former Glee Club member. Applications for the scholarship should be submitted to the Alumni Office of the College.

*The Ruth McNeill Thornhill Scholarship:* This is an annual scholarship of \$100.00 established by the Culpeper Chapter of the Alumni Association for a Culpeper girl attending this College.

*Private Scholarships:* Several private scholarships are available to deserving students who desire a college education at Madison College. For further details, please write to the Director of Admissions and Student Aid.

#### STUDENT EMPLOYMENT SCHOLARSHIPS

*Dining Hall Service:* Students are employed as waitresses and waiters in the three dining rooms at Madison College and for their services they receive compensation for the nine months' session equal to the charges for room, board, and laundry.

Approximately fifty (50) students are thus able to earn more than half of their college expenses. The students who receive these scholarships are selected on the bases of merit, date of application, financial need, and other qualifications. Applications are received in the Office of Admissions and Student Aid, and they should be filed at an early date.

*Ten-Hour Service:* The College provides about one hundred fifty (150) employment scholarships for students who serve as assistants in the library, supply room, laboratories, and administrative offices. The compensation for these positions is \$320.00 for approximately ten hours work per week for the nine months' session.

*Music Service:* The College has established a number of service scholarships open to talented music students especially in the instrumental field. This scholarship will enable the student to earn an amount of \$320.00 for the session. Applications are received in the Office of Admissions and Student Aid and they should be filed as early as possible.

### LOAN FUNDS

The College has a number of loan funds provided not only from legislative appropriations by the State of Virginia but also from private donations by friends of the College. Worthy students who are able to furnish satisfactory security or endorsement for their loans may borrow, at 3% interest, substantial sums per year to assist them in meeting their college expenses. A detailed description of these funds is given below. Students wishing to borrow from the College loan funds should apply directly to the Office of Admissions and Student Aid.

*State Loan Fund:* The State Legislature has made provision for the maintenance of a students' loan fund, from which sums not to exceed \$300.00 annually may be lent to worthy students on proper security.

*Alumni Loan Fund:* This fund was established by the class of 1911 and increased by classes of subsequent years.

*Caroline Sherman Fund:* Established by the Fairfax County Chapter of the Daughters of the American Revolution in honor



of Mrs. Caroline C. A. Sherman of Fairfax County, an untiring worker for the advancement of public education. Available to seniors.

*Franklin Sherman Loan Fund:* A memorial loan fund to the memory of Captain Franklin Sherman, a distinguished citizen who for thirty years served on the school board of Fairfax County.

*The Virginia Division United Daughters of the Confederacy Loan Fund:* This organization has established the Kate Mason Roland Loan Fund, worth \$150.00 annually to the holder, and granted to a sophomore, junior, or senior who is a lineal descendant of a Confederate soldier. Other funds may be available. Application should be made to the Chairman, Committee on Education, Virginia Division, United Daughters of the Confederacy.

*Home Demonstration Fund:* By the efforts of Miss Ella G. Agnew, former State Agent for Home Demonstration Work in Virginia, a loan fund has been made available principally for home economics majors.

*The Cleveland Memorial Fund:* This fund has been established in memory of Misses Annie V. Cleveland and Elizabeth P. Cleveland, former members of Madison Faculty.

*Nell Christine Farrar Scholarship Fund:* This fund was established by the Class of 1913 in memory of a classmate, Nell Christine Farrar.

*Daughters of the American Revolution Loan Fund:* The sum of \$300.00 is now available from the Virginia branch of the D.A.R. Application should be submitted directly to the Virginia branch of the D.A.R.

*The Knights Templars Loan Fund:* Assistance is rendered worthy students in continuing their education by certain funds made available by the order of the Knights Templars of Virginia. Application should be made to them for a loan.

*Harrisonburg Madison Alumni Loan Fund:* The Harrisonburg Chapter of the Madison Alumni Association established this loan fund in 1939. Assistance from this fund is available only to graduates of the Harrisonburg High School.

*Other Loan Funds:* Loan funds have also been generously provided by the Massanutten Chapter of the D.A.R., the Business and Professional Women's Club of Harrisonburg, the Kappa Delta Pi Honor Society of the College, and contributions from most of the Senior Classes.

### NATIONAL DEFENSE STUDENT LOAN PROGRAM

Madison College is also participating in the National Defense Student Loan Program. The purpose of this program is to stimulate and assist worthy and capable students in colleges and universities by making low interest loan funds available to them. In selecting students to receive loans, special consideration must be given to (a) superior students who desire to teach in the elementary and secondary schools, and (b) superior students who desire to obtain degrees in the fields of science, mathematics, engineering, or a modern foreign language.

The loans will be approved upon the bases of ability and need with priority accorded to the students enrolled in the five critical areas enumerated above.

A student may borrow up to \$1,000.00 for a 12-months' college session with a maximum of \$5,000.00 for his duration in college. The loans bear no interest while the student is in college. One year after graduation, interest at the rate of 3% and repayment of the loan begin. A student has up to ten (10) years to repay a loan. For those students who will teach, 10% of the loan will be cancelled each year of teaching up to five (5) years. In other words, one-half of a loan may be cancelled by teaching for a period of five (5) years.

Application forms to apply for a National Defense Student Loan may be obtained from the Office of the Director of Admissions and Student Aid, Madison College.

### A SUGGESTION TO FRIENDS OF THE COLLEGE

The scholarships and loan funds have been of very great assistance to many worthy students, and it is hoped that other



friends of education will continue to provide financial assistance for students of this institution. This should appeal to industries and other business establishments, and to persons of means as a most worthy manner in which to invest money and reap a manifold return in the influence which an educated person may exert on the rising generation.

Any sum, large or small, contributed to the College for this purpose will be faithfully used and greatly appreciated by the administration, the faculty, and the students. The President of the College will be pleased to confer or correspond with persons interested in establishing endowment or other scholarships for aiding worthy students.

## GIFTS TO THE COLLEGE

1961—1962

### CONTRIBUTIONS TO PRIVATE SCHOLARSHIP FUND

The Southern Society, South Orange, New Jersey . . . . .	\$ 400.00
Panhellenic Council, Madison College, Harrisonburg, Virginia . . . . .	100.00
Senior Class of 1961 "Duke Memorial Scholarship", Harrisonburg, Virginia . . . . .	100.00
Auxiliary of Waynesboro Community Hospital, Waynesboro, Virginia . . . . .	400.00
Eta Kappa Chapter, Kappa Delta Pi, University of Virginia, Charlottesville, Virginia . . . . .	250.00
Mrs. Alfred I. duPont, Wilmington, Delaware . . . . .	3,225.00
Junior Woman's Club of Princess Anne County, Virginia Beach, Virginia . . . . .	500.00
Peninsula Chapter, Madison College Alumni Association, Poquoson, Virginia . . . . .	100.00
Natural Bridge High School, Natural Bridge, Virginia . . .	25.00
Pine Grove Dairy, Portsmouth, Virginia . . . . .	200.00
Senator Blake T. Newton, Hague, Virginia . . . . .	188.00
Armstrong Foundation, Winchester, Virginia . . . . .	3,000.00
Woodrow Wilson High School, Portsmouth, Virginia . . .	325.00
The Tuesday Afternoon Club, Fairfax, Virginia . . . . .	250.00
Delmarva Poultry Industry, Incorporated, Laurel, Delaware .	750.00
Delta Chapter, Alpha Delta Kappa Sorority, Richmond, Virginia . . . . .	50.00
National Guild of Piano Teachers, Austin, Texas . . . . .	100.00
Milford Mill Senior High School Scholarship Fund, Baltimore, Maryland . . . . .	200.00

Front Royal P. T. A., Front Royal, Virginia . . . . .	\$ 200.00
St. Andrews Methodist Church and St. John's Episcopal Church, Greta, Virginia . . . . .	150.00
Oscar F. Smith Memorial Foundation, Norfolk, Virginia . . . . .	1,500.00
Shippensburg Chapter, Pennsylvania State Education Association, Shippensburg, Pennsylvania . . . . .	100.00
Crestwood Woman's Club, Springfield, Virginia . . . . .	200.00
Lions Club of Colonial Heights, Colonial Heights, Virginia . . . . .	325.00
William Monroe High School P. T. A., Stanardsville, Virginia . . . . .	100.00
Kiwanis Club of Harrisonburg, Harrisonburg, Virginia . . . . .	300.00
Scholarship Club of Central High School, Woodstock, Virginia . . . . .	50.00
Brockwell Scholarship Fund, Richmond, Virginia . . . . .	350.00
Fluvanna County High School, Scottsville, Virginia . . . . .	300.00
Arlington County Scholarship Fund for Teachers, Arlington, Virginia . . . . .	300.00
R. O. Nelson Scholarship Award, Newport News, Virginia . . . . .	500.00
Woman's Club of Fredericksburg, Fredericksburg, Virginia . . . . .	300.00
Rockingham Poultry Marketing Co-operative, Broadway, Virginia . . . . .	1,400.00
Lexington School Board, Lexington, Virginia . . . . .	50.00
Madison County Farm Bureau, Madison, Virginia . . . . .	50.00
Alexandria Council of P. T. A.'s, Alexandria, Virginia . . . . .	600.00
Zeta Tau Alpha Foundation, Evanston, Illinois . . . . .	150.00
Groveton High School, Alexandria, Virginia . . . . .	125.00
Culpeper P. T. A., Culpeper, Virginia . . . . .	300.00
Loudoun County Education Association, Leesburg, Virginia . . . . .	100.00
King's Daughters' Hospital Nursing Education Fund, Staunton, Virginia . . . . .	450.00
James Thomas Allen Memorial Scholarship, Falls Church, Virginia . . . . .	200.00
Osborn High School, Manassas, Virginia . . . . .	100.00
Cross Keys-Mill Creek Ruritan Club, Penn Laird, Virginia . . . . .	200.00
Brookville Drug Store, Lynchburg, Virginia . . . . .	100.00
Pamplin Foundation, Portland, Oregon . . . . .	300.00
Nutley Optimist Club, Nutley, New Jersey . . . . .	250.00
Princeton University, Princeton, New Jersey . . . . .	505.00
Business and Professional Women's Club, Arlington, Virginia . . . . .	500.00
S. A. Cunningham Memorial Scholarship, United Daughters of the Confederacy, Richmond, Virginia . . . . .	200.00
Middlesex County Junior Woman's Club, Urbanna, Virginia . . . . .	100.00
Insurance Advisory Committee for the Fairfax County School Board, Fairfax, Virginia . . . . .	250.00



Martinsville Lodge # 1752, B. P. O. E., Martinsville, Virginia . . . . .	\$ 200.00
Kiwanis Club of Charlottesville, Charlottesville, Virginia . . .	755.00
Kiwanis Club of Williamson Road, Inc., Roanoke, Virginia . . . . .	250.00
Peabody Scholarships of Loudoun County School Board, Leesburg, Virginia . . . . .	1,050.00
Junior Woman's Club of Manassas, Manassas, Virginia . . .	200.00
Civic Welfare Fund of the Yonkers, New York Post Office Employees, Yonkers, New York . . . . .	250.00
Benjamin T. Pitts Foundation, Fredericksburg, Virginia . . .	250.00
Culpeper Chapter, Madison College Alumni Association, Culpeper, Virginia . . . . .	75.00
Business and Professional Women's Club, Staunton, Virginia . . . . .	100.00
Farm Youth Foundation, Charlottesville, Virginia . . . . .	400.00
Coleman Place School P. T. A., Norfolk, Virginia . . . . .	100.00
Northern Virginia District, Virginia State Congress of Parents and Teachers, Arlington, Virginia . . . . .	500.00
Fairfax Education Association, Fairfax, Virginia . . . . .	1,125.00
The Woman's Club, Portsmouth, Virginia . . . . .	150.00
Virginia Association, Future Homemakers of America, Richmond, Virginia . . . . .	200.00
American Electric Power Service Corporation, New York, New York . . . . .	500.00
First Baptist Church, Charlottesville, Virginia . . . . .	400.00
Baltimore Chapter, Madison College Alumni Association, Baltimore, Maryland . . . . .	100.00
Richmond Senior Group, Madison College Alumni Association, Richmond, Virginia . . . . .	135.00
School Librarians Section, Virginia Education Association, Arlington, Virginia . . . . .	100.00
Northern Virginia Panhellenic Association, Alexandria, Virginia . . . . .	300.00
Civitan Club of Virginia Beach, Virginia Beach, Virginia . .	200.00
A. S. Rhodes P. T. A., Front Royal, Virginia . . . . .	100.00
Pepsi-Cola Scholarship, Roanoke, Virginia . . . . .	100.00
Virginia Pepsi-Cola Bottling Company, Charlottesville, Virginia . . . . .	250.00
Warrenton High School P. T. A., Warrenton, Virginia . . .	250.00
Richmond Junior Group, Madison College Alumni Association, Richmond, Virginia . . . . .	100.00
Prince William County Education Association, Woodbridge, Virginia . . . . .	150.00
Roanoke Chapter, National Office Management Association, Roanoke, Virginia . . . . .	200.00
Total Private Scholarship Gifts . . . . .	\$29,258.00

## UNRESTRICTED GIFTS

Burlington Industries Foundation, Greensboro, North Carolina.....	\$ 1,920.00
General Electric Foundation, Ossining, New York.....	5.00
Kay L. Daggy, Waynesboro, Virginia.....	5.00
Total Unrestricted Gifts.....	<hr/> \$ 1,930.00
TOTAL GIFTS TO THE COLLEGE.....	<hr/> \$31,188.00



## PART NINE

### The Students

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Madison College exists for its students. The College Administration, the faculty, and all the others who help to keep the College operating efficiently take pride in presenting ★

★ THE STUDENTS WHO RECEIVED DEGREES  
IN 1962

★ GEOGRAPHICAL DISTRIBUTION OF STUDENTS

★ SUMMARY OF ENROLLMENT

## DEGREES AWARDED

### For the Calendar Year 1962

#### MASTER OF SCIENCE IN EDUCATION

June Clem Daly (Aug.)	Stanley
James Francis Digges (Aug.)	Staunton
Norman Burrell Ketterman (Aug.)	Harrisonburg
Betty Gene Meyers	Staunton
Rheva Miller Poindexter (Aug.)	Harrisonburg
Basil Gale Titchenell (Aug.)	Woodville
Fern Chlora Trissel (Aug.)	Harrisonburg
Gail Edith Trissel (Aug.)	Harrisonburg
Rosalie Buchanan Walker (Aug.)	New Market
Louise Cash Whitmer (Aug.)	Harrisonburg

#### MASTER OF ARTS IN EDUCATION

Lewis Wayne Aleshire (Aug.)	Rileyville
Bradford Cobb	Keezletown
Kenneth Ray Comer (Aug.)	Luray
Mary Hutzler Crim (Aug.)	New Market
Jacqueline Dovel Driver	Harrisonburg
William Edward Fortune (Aug.)	Bluefield, W. Va.
Donald Wayne Hager (Aug.)	Princeton, W. Va.
Ruth Loraine Harris (Aug.)	Washington, D. C.
Ailene Goalder Hobbs (Aug.)	Newport News
Evelyn Elizabeth King	Harrisonburg
Richard Lee Livick (Aug.)	Fishersville
James Charles McBride (Aug.)	Leesburg
Littell Gwinn McClung, Jr. (Aug.)	Falls Church
James Wesley Moyers, Jr. (Aug.)	Broadway
Evelyn Hunt Norment (Aug.)	Bowling Green
Carl Lee Plum (Aug.)	Woodstock
William Bennett Taylor (Aug.)	Park Ridge, N. J.
Betty Hall Tisinger (Aug.)	Roanoke
Gary Gene West	Harrisonburg
Douglas Carlton White (Aug.)	Middleburg



Ferraba Womble Whitesell (Aug.)	Harrisonburg
John Henry Will	Bridgewater
Howard Eugene Wright	Churchville
Sarah Yoder (Aug.)	Ganado, Ariz.
Loraine Wise Zirkle (Aug.)	Timberville

## BACHELOR OF SCIENCE

Frances Graham Amiss	Luray
Ruth Garber Arey (Aug.)	Staunton
Marian Virginia Arthur	Sweet Briar
Susan King Aubuchon (Aug.)	Rockville, Md.
Jeanne Grogan Batten	Elizabeth City, N. C.
Nahid Beiian (Aug.)	Tehran, Iran
Gladys Dodd Brown (Aug.)	Portsmouth
Mary Ruth Chisholm (Aug.)	Elkton
Brenda Christine Curry (Aug.)	Waynesboro
Alma Lorena Denton (Aug.)	Macon
Richard Edward Dovel	Harrisonburg
Elaine Marie Early	Washington, D. C.
Myrtle Lute Forney	Landisville, Pa.
Charles Edwin Good	Harrisonburg
Viola Miller Goodbar (Aug.)	Lexington
Helen Rhea Goodykoontz (Aug.)	Bishop
Clarice Fearnow Gorry	Ellerson
Alice Lee Harris (Aug.)	West Point
Roy Benton Hawkins, Jr.	Woodstock
Elizabeth Austin Hays (Aug.)	Raphine
June Howard Herrin	Roanoke
Elizabeth Anne Hilbert (Aug.)	Dayton
Marlene Bertie Hosaflook (Aug.)	Harrisonburg
Floe Rimel Koontz (Aug.)	Elkton
Carl Sheldon Layman	Harrisonburg
Bruce Allen Leffel	Harrisonburg
Henrietta Herr Longenecker (Aug.)	Harrisonburg
Edith Snead Mason (Aug.)	Gordonsville
Betty Jo Michael (Aug.)	Bridgewater
Rita Russell Miles (Aug.)	Newport News
Lloyd Whitney Monger, Jr.	Elkton
Joan Marie Mowry (Aug.)	Brightwood

Katherine Carol Nagle	Baltimore, Md.
Melanie Oates Oates (Aug.)	Capon Bridge, W. Va.
Richard Temple Orrison (Aug.)	LaSierra, Calif.
Terry Quatse Painter (Aug.)	Elkton
Marie Cox Peters (Aug.)	Manassas
Mary Frances Reilly	Harrisonburg
Linwood Horn Robertson (Aug.)	Craigsville
Mary Janet Rose (Aug.)	Craigsville
Beatrice Anne Seymour (Aug.)	New Market
Donald Keister Simpson	Arlington
Marvin Troyer Slabaugh	Harrisonburg
Wendell Michael Steele	Harrisonburg
Kay Burner Stilwell	Luray
Louise Douglas Terry (Aug.)	Staunton
Mabel Lee Tomlinson	Disputanta
Mary Louise Trussell	Salem
James Donald Wagner	Mt. Jackson
Susan Annette Walker (Aug.)	Martinsville
Warner Daniel Ward (Aug.)	Harrisonburg
Anne Carol Watkins	Richmond
Mary Frances Whissen	Timberville
Joseph Michael Whitmire	Harrisonburg
Donna Lee Wickham	Newport News
Herbert Thomas Williams, Jr.	McGaheysville
Sarah Ann Woolford	Richmond
Barbara Harriet Yates	Richmond
Fred Henkel Zerkel	Mt. Jackson

## BACHELOR OF SCIENCE IN EDUCATION

Rebecca Anne Anderson	Chatham
Larry Noel Armentrout	Woodbridge
Katherine Stevens Baker	Falls Church
Anne LaVon Barber	Portsmouth
Ralph Edwin Bass	Spotsylvania
Barbara Ann Beach	Richmond
Frances Estes Bevis	Alexandria
Carolyn Jean Bowers	Edinburg
Deanna Gay Bowman	Hillsville
Nancy Burkett Bradfield	Harrisonburg



Nancy Jane Bretz	Wilmington, Del.
Betty Marie Brockman	Orange
Virginia Tadlock Brown	White Stone
Arlena Lynn Campbell	Richmond
Sarah Heard Caraballo	Alexandria
Dorothy Faye Carpenter	Brightwood
Iris Marilyn Cash	Natural Bridge Station
Ellen Arnold Childers	Lynchburg
Doris Steele Clark	Smithfield
Anne Compton Clarke	Richmond
Janice Marie Clinedinst	Salem
Audrey Staire Coffey	Norfolk
Martha May Craig	Craigsville
Pencelia Elizabeth Dakan	Bridgeport, W. Va.
Calvin Lee Davis	Lantana, Fla.
Shirley Lorraine Dellinger	Mt. Jackson
Bettina Louise DiIorio	Hopewell
Palma Beverly Duncan	Annandale
Sandra Eileen Dutemple	Arlington
Audrey Elizabeth Eubank	Lynch Station
Carol Charlene Eudailey	Petersburg
Roberta Jo Farrar	Palmyra
Carolyn Faye Fergusson	Richmond
Emily Nina Fletcher	Manassas
Anne Clarke Forrester	Wicomico Church
Judith Ann Foster	Arlington
Helen McCracken Fulcher	Madison Heights
Nedra Schultz Gallahan	Alexandria
Valeria Gretchen Garrett	Yorktown
Jean Howerton Grizzard	Emporia
Elizabeth Ann Haley	Danville
Margaret Roberts Halterman	Staunton
Barbara Freed Hardesty	Waynesboro
Sue Richardson Hardie	Williamsburg
Betty Wallace Harrington	Alexandria
Barbara Ann Harris	Lynchburg
Minnie Brown Hart	Martinsville
Zelda Lois Heilig	Orange
Florine Anita Hobbs	South Norfolk
Dolores Barbara Hofelich	South Hill

Beverly Ann Hoffman  
 Virginia Lee Holliday  
 Jeanette Warree House  
 Norma Lillian Housman  
 Peggy Ann Hudgins  
 Doris Jean Huffman  
 Wilma Lee Huffman  
 Betsy Lee Humphries  
 Doris Jean Humphries  
 Sandra Campbell Hyler  
 Mary Stuart Jenkins  
 Linda Jane Jennings  
 Lee Garnett Johnson  
 Nancy Lee Joyner  
 Carolyn June Kent  
 Lynda Garland Kern  
 Neita Brown Kraus  
 Judith Ellen Landes  
 Sandra Gail Leake  
 Nancy Jean Lightner  
 Wilmer Meredith Wayne Liskey  
 Jane Catherine Lotts  
 Rita Kay Lucas  
 Linda Anne Luther  
 Judith Williams Maupin  
 Janet Zirkle May  
 Lelia Thompson Mayton  
 Courtney Louise Miller  
 Elizabeth Joan Miller  
 Joyce Ann Miller  
 Joyce Busel Miller  
 Luanne Elizabeth Miller  
 Sally Patricia Moore  
 Brenda Frances Mullen  
 Mary Katherine Neale  
 Carole Ann Noel  
 Mary Lou Owings  
 Therese Winborne Owings  
 Bonnie June Painter  
 Carolyn Lee Patterson

Williamsport, Md.  
 Metuchen, N. J.  
 Nokesville  
 Wirtz  
 Poquoson  
 Shenandoah  
 Keezletown  
 Vesuvius  
 Norfolk  
 Salem  
 Courtland  
 Roanoke  
 McLean  
 Hampton  
 Afton  
 Clifton Forge  
 Harrisonburg  
 Timberville  
 Harrisonburg  
 Churchville  
 Harrisonburg  
 Spottswood  
 Fairfax  
 Princeton Junction, N. J.  
 Suffolk  
 Broadway  
 Crewe  
 Norfolk  
 Winchester  
 Newport News  
 Somerset  
 Sperryville  
 Oceana  
 Fredericksburg  
 Richmond  
 Clifton Forge  
 Middletown  
 Holland  
 Edinburg  
 Manassas



Brenda Joyce Pipicelli	Meriden, Conn.
Mary Diane Pollock	Annandale
Peggy Ann Pound	Elkwood
Lucy Hamrick Powell	Harrisonburg
Beth Anne Quatse	Elkton
Linda Allene Quist	Arlington
Dorothy Cooke Raynes	McGaheysville
Rose Pruner Reed	Marion
Anna Lee Robertson	Altavista
Ruth Leonora Robertson	Arlington
Judith Miller Rodeffer	Harrisonburg
Betsy Lynn Rose	Bethesda, Md.
Susan Wood Ruckel	Wayne, Pa.
Ann Elizabeth Rudisill	Clifton Forge
Penelope Sue Ryerson	Waynesboro
Jacqueline Gibson Scott	Harrisonburg
Judith Ann Scott	Radford
Dorothy Carol Shaw	Alexandria
Joy Hargrove Sherrill	Staunton
Janet Marie Shipe	Edinburg
Charlotte Selby Smith	Arlington
Patricia Lou Smith	Suffolk
James Schamel Sowers	Harrisonburg
Sue Dale Staton	Danville
Cornelia McFarland Strickler	Martinsville
Ann Patricia Sullivan	Winchester
Holly Lee Updike	Sperryville
Christina Marie Urban	Colonial Heights
Catherine Marie Leahy Voorhees	Harrisonburg
Jean Patricia Walls	Harrington, Del.
Patricia Lee Wash	Gordonsville
Ruth Sandra Weintrub	Moorestown, N. J.
Elizabeth Carol Wells	Ashland
Sandra Smith Whitt	Cedar Bluff
Nancy Ann Wilkinson	Richmond
Betty Jane Yancey	Ettrick
Robert Edward Young	Staunton
Sylvia Moon Young	Greenwood

# BACHELOR OF ARTS

Carol Ann Almond	Troutville
Lora Ann Bowman	Winchester
Lura Ann Dillard (Aug.)	Midlothian
Sally DeJarnette Grymes	Shadwell
Sandra Louise Hepp (Aug.)	Arlington
Nancy Elizabeth Suder	Alexandria
Deanna Jane Taylor (Aug.)	Fort Irwin, Calif.

# BACHELOR OF ARTS IN EDUCATION

Catherine Virginia Anderson	Herndon
Jean Marie Baum	St. Brides
Martha Ann Bly	Winchester
Mary Litts Burton	Clifton Forge
Janice Elizabeth Culver	Annandale
Sandra Jean Davy	Fairfax
Eleanor Lou Gullion	Marion
Carolyn Ann Hall	Danville
Margaret Anne King	Blacksburg
Joyce Patricia Kiser	Arlington
Carole Lee Knight	Lynchburg
Carolyn Hensley Lilly	Waynesboro
Judy Lea Liskey	Dayton
Nancy Kay Lukin	Greenville
Nancy Vicki Lynn	Chester
Jeanette Irene Mathias	Bridgewater
Beatrice Ann Morris	Harrisonburg
Frankie Eleanor Murphy	Selma
Rose Marie Newell	Prince George
Patricia Anne Peyton	Lorton
Carolyn Corell Ryburn	Glade Spring
Clara Jane Simms	Baltimore, Md.
Ronald Lee Taylor	Covington
Rebecca Wynne Thomas	Holland
Sonja Deanna Tolbert	Lexington
Julia Ellis Wilburn	Lynchburg
Charlotte Scott Wootten	Hampton



## BACHELOR OF MUSIC

Katherine Sloan Black  
Carolyn Ivey Renner

Falls Church  
Winchester

## BACHELOR OF MUSIC EDUCATION

Jane Benson Andrews (Aug.)  
Sue Ellen Blankenship  
Janet Elise Burke  
Crystal Mae Diehl  
Madolyn Lee Golladay  
Jacqueline Holst  
Mary Ellen Keith  
Laura Rosson Rosazza  
Tae Elizabeth Smith  
Geraldine Ward Sutcliffe

Staunton  
Covington  
Front Royal  
Staunton  
Woodstock  
Princeton, N. J.  
Norfolk  
Shenandoah  
Staunton  
Marion

# GEOGRAPHICAL DISTRIBUTION OF STUDENTS

By States and Countries

1961-62

California .....	5
Connecticut .....	4
Delaware .....	18
District of Columbia .....	4
Florida .....	5
Louisiana .....	1
Maryland .....	51
Massachusetts .....	1
Michigan .....	1
Mississippi .....	1
Missouri .....	1
New Jersey .....	29
New York .....	10
North Carolina .....	2
Ohio .....	4
Pennsylvania .....	17
South Carolina .....	1
Virginia .....	1,618
West Virginia .....	23
Countries:	
France .....	1
Iran .....	1
Uruguay .....	1
Total enrollment 1961-62 .....	1,799

# GEOGRAPHICAL DISTRIBUTION OF VIRGINIA STUDENTS

By Cities and Counties

1961-62

Accomack .....	4
Albemarle .....	8
Charlottesville .....	11



Alleghany.....	6
Clifton Forge.....	11
Covington.....	10
Amherst.....	4
Arlington.....	78
Alexandria.....	39
Augusta.....	71
Staunton.....	44
Waynesboro.....	18
Bath.....	6
Bedford.....	6
Botetourt.....	6
Brunswick.....	2
Buchanan.....	1
Buckingham.....	1
Campbell.....	12
Lynchburg.....	16
Caroline.....	3
Carroll.....	4
Chesterfield.....	20
Colonial Heights.....	9
Clarke.....	2
Culpeper.....	5
Dickenson.....	1
Dinwiddie.....	3
Petersburg.....	7
Essex.....	3
Fairfax.....	84
Falls Church.....	27
Fauquier.....	5
Fluvanna.....	4
Franklin.....	6
Frederick.....	7
Winchester.....	21
Giles.....	1
Gloucester.....	4
Goochland.....	1
Grayson.....	4
Galax.....	1
Greene.....	5
Greensville.....	1
Halifax.....	7
Hanover.....	9
Henrico.....	36
Richmond.....	55
Henry.....	7
Martinsville.....	9

Highland.....	2
Isle of Wight.....	6
James City.....	1
King George.....	2
King William.....	2
Lancaster.....	5
Lee.....	1
Loudoun.....	20
Louisa.....	6
Lunenburg.....	3
Madison.....	12
Mathews.....	3
Mecklenburg.....	5
Middlesex.....	4
Montgomery.....	4
Radford.....	6
Nansemond.....	4
Suffolk.....	5
Nelson.....	8
Norfolk (County).....	16
Norfolk (City).....	29
Portsmouth.....	32
South Norfolk.....	1
Northampton.....	3
Northumberland.....	5
Nottoway.....	7
Orange.....	13
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Patrick.....	1
Pittsylvania.....	14
Danville.....	4
Powhatan.....	2
Prince Edward.....	1
Prince George.....	5
Hopewell.....	8
Prince William.....	18
Princess Anne.....	22
Virginia Beach.....	1
Pulaski (County).....	3
Pulaski (City).....	1
Rappahannock.....	6
Roanoke (County).....	25
Roanoke (City).....	22
Rockbridge.....	29
Buena Vista.....	1
Rockingham.....	190
Harrisonburg.....	117
Russell.....	1



Scott.....	1
Shenandoah.....	66
Smyth.....	9
Southampton.....	7
Spotsylvania.....	3
Fredericksburg.....	2
Surry.....	1
Sussex.....	3
Tazewell.....	4
Warren.....	17
Washington.....	4
Westmoreland.....	6
Wise.....	5
Wythe.....	4
York.....	8
Williamsburg.....	1
Other Independent Cities:	
Hampton.....	20
Newport News.....	32
<hr/>	
Total students living in Virginia.....	1,618

## SUMMARY OF ENROLLMENT OF STUDENTS

## The School Year 1961-62

## Regular Students:

Summer Term 1961.....	1,009
First Semester 1961-62.....	1,694
Second Semester 1961-62.....	105

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 2,808

Pupils in Student Teaching Classes..... 16,650

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APPLICATION FOR ADMISSION  
to  
**MADISON COLLEGE**  
HARRISONBURG, VIRGINIA

Date \_\_\_\_\_ 19\_\_\_\_

1. Name \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
Last First Middle
2. Permanent Address \_\_\_\_\_  
(Street and Number)
3. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
City, town or post office Zone State
4. County \_\_\_\_\_ 5. Date of Birth \_\_\_\_\_
6. Temporary Mailing Address: \_\_\_\_\_  
\_\_\_\_\_
7. Telephone \_\_\_\_\_ 8. Sex \_\_\_\_\_ Race \_\_\_\_\_
9. Parent or Guardian \_\_\_\_\_
10. Address (if different from yours) \_\_\_\_\_  
\_\_\_\_\_
11. When do you plan to enroll in Madison College? \_\_\_\_\_
12. Do you plan to live in a college dormitory, or commute from home as a day student? Dormitory \_\_\_\_\_ Day \_\_\_\_\_

DIRECTIONS TO APPLICANTS

1. Carefully fill out this preliminary application and mail it to the Director of Admissions and Student Aid, Madison College, Harrisonburg, Virginia.
2. *All Students, (both boarding and day) must submit with the application a \$10 application fee—money order or check—payable to Madison College (do not send cash). This fee is non-refundable and will not be transferable to another session. It is not credited to the student's college account.*
3. *For students with advanced standing:* Ask the registrars of *all* schools you have attended beyond high school to forward credits to the Office of Admissions, Madison College, Harrisonburg, Va., as soon as you decide to apply for entrance here.
4. When the Director of Admissions receives the preliminary application and fee, a regular application blank (Pre-Registration and Guidance) will be mailed you. This must be filled out and returned before your application can be considered by the Admissions Committee.



13. If you have a preference as to roommate, or dormitory, please give their names  
\_\_\_\_\_
14. Name of accredited public high or private secondary school(s) you have  
attended: \_\_\_\_\_  
Address \_\_\_\_\_ Date of graduation \_\_\_\_\_
15. At what institutions of higher education have you done work beyond high  
school graduation? \_\_\_\_\_  
\_\_\_\_\_
16. Give the number as listed in the catalog—(I, II, etc.) of the curriculum in  
which you plan to register \_\_\_\_\_
17. How many sessions do you plan to attend college? \_\_\_\_\_
18. Please sign your name here \_\_\_\_\_

MAIL THIS APPLICATION FORM TO:

OFFICE OF ADMISSIONS

MADISON COLLEGE

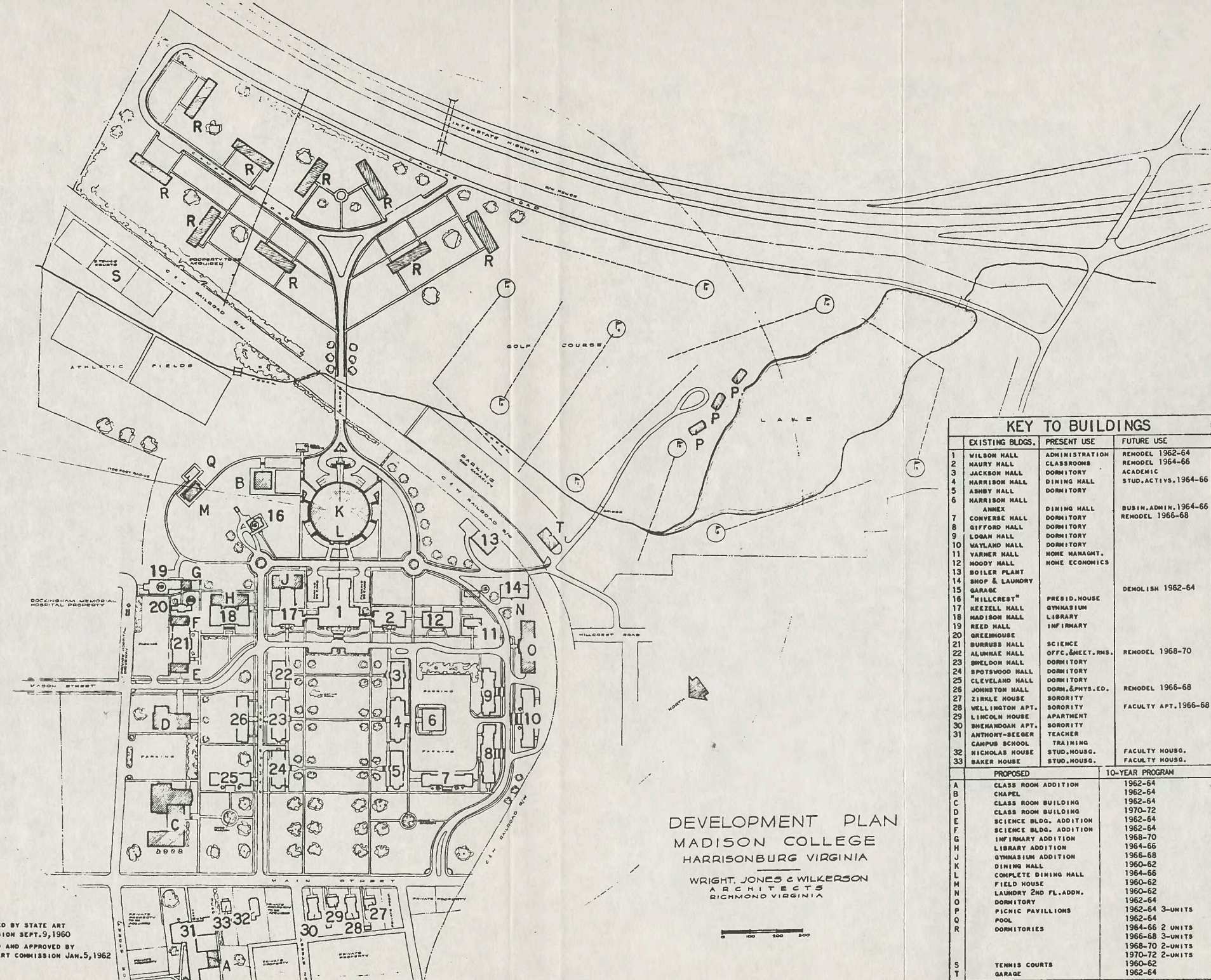
HARRISONBURG, VIRGINIA







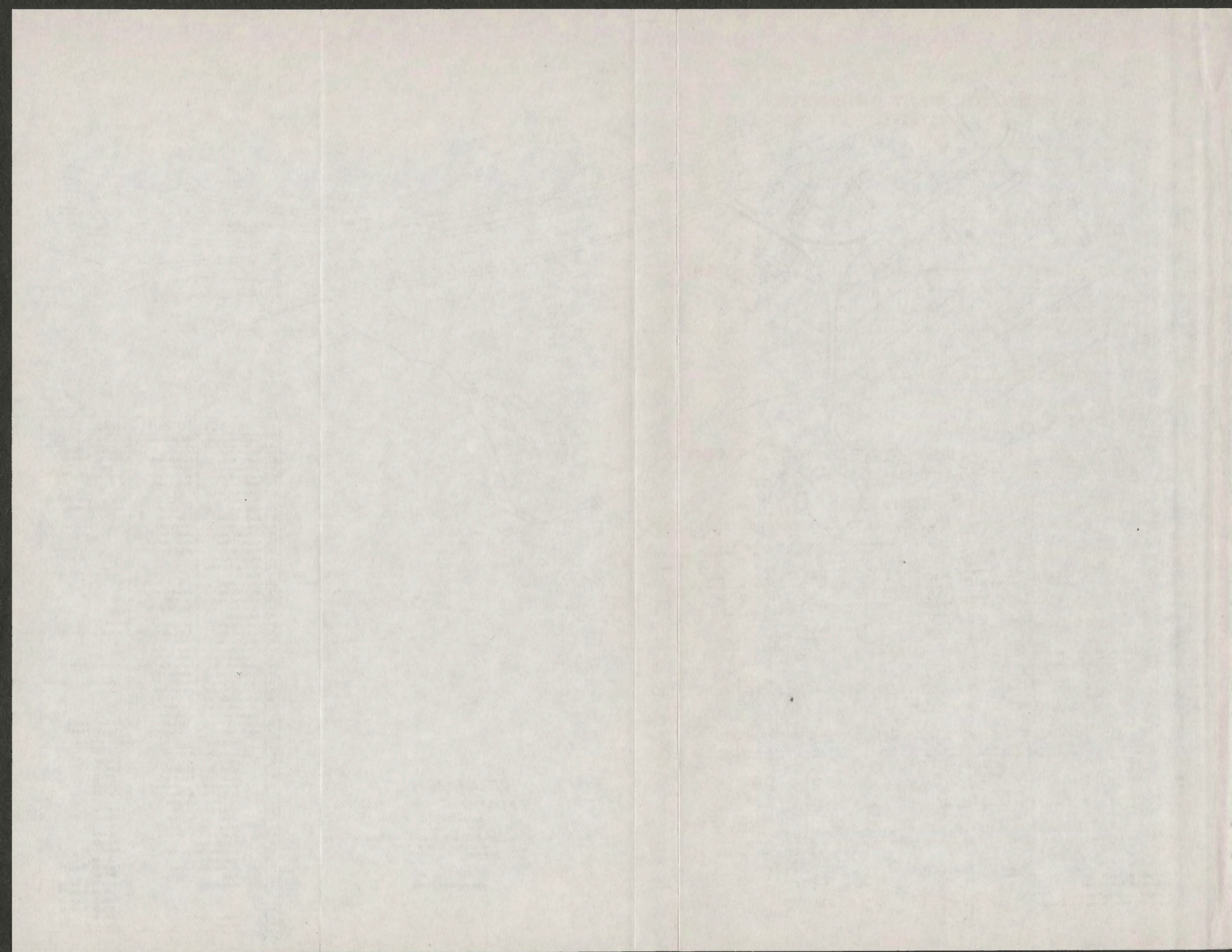




# KEY TO BUILDINGS

EXISTING BLDGS.	PRESENT USE	FUTURE USE
1 WILSON HALL	ADMINISTRATION	REMODEL 1962-64
2 MAURY HALL	CLASSROOMS	REMODEL 1964-66
3 JACKSON HALL	DORMITORY	ACADEMIC
4 HARRISON HALL	DINING HALL	STUD. ACTVTS. 1964-66
5 ARNBY HALL	DORMITORY	
6 HARRISON HALL		
7 ANNEX	DINING HALL	BUSIN. ADMIN. 1964-66
8 CONVERSE HALL	DORMITORY	REMODEL 1966-68
9 GIFFORD HALL	DORMITORY	
10 LOGAN HALL	DORMITORY	
11 WAYLAND HALL	DORMITORY	
12 VARNER HALL	HOME MANAGMT.	
13 MOODY HALL	HOME ECONOMICS	
14 BOILER PLANT		
15 SHOP & LAUNDRY		
16 GARAGE		DEMOLISH 1962-64
17 "HILLCREST"	PRESID. HOUSE	
18 REZZELL HALL	GYMNASIUM	
19 MADISON HALL	LIBRARY	
20 REED HALL	INFIRMARY	
21 GREENHOUSE		
22 BURRUS HALL	SCIENCE	
23 ALUMNAE HALL	OFFC. & MEET. RMS.	REMODEL 1968-70
24 SWELOON HALL	DORMITORY	
25 SPOTSWOOD HALL	DORMITORY	
26 CLEVELAND HALL	DORMITORY	REMODEL 1966-68
27 JOHNSTON HALL	DORM. & PHYS. ED.	
28 ZIRKLE HOUSE	SORORITY	FACULTY APT. 1966-68
29 WELLINGTON APT.	SORORITY	
30 LINCOLN HOUSE	APARTMENT	
31 BHEMARDGAN APT.	SORORITY	
32 ANTHONY-BEEGER	TEACHER	
33 CAMPUS SCHOOL	TRAINING	
NICHOLAS HOUSE	STUD. HOUSE.	FACULTY HOUSE.
BAKER HOUSE	STUD. HOUSE.	FACULTY HOUSE.
PROPOSED		10-YEAR PROGRAM
A	CLASS ROOM ADDITION	1962-64
B	CHAPEL	1962-64
C	CLASS ROOM BUILDING	1962-64
D	CLASS ROOM BUILDING	1970-72
E	SCIENCE BLDG. ADDITION	1962-64
F	SCIENCE BLDG. ADDITION	1962-64
G	INFIRMARY ADDITION	1968-70
H	LIBRARY ADDITION	1964-66
J	GYMNASIUM ADDITION	1966-68
K	DINING HALL	1960-62
L	COMPLETE DINING HALL	1964-66
M	FIELD HOUSE	1960-62
N	LAUNDRY 2ND FL. ADDN.	1960-62
O	DORMITORY	1962-64
P	PICNIC PAVILLIONS	1962-64 3-UNITS
Q	POOL	1962-64
R	DORMITORIES	1964-66 2 UNITS
		1966-68 3-UNITS
		1968-70 2-UNITS
		1970-72 2-UNITS
S	TENNIS COURTS	1960-62
T	GARAGE	1962-64







WHEN YOU WANT INFORMATION  
WRITE TO...

THE PRESIDENT

General matters pertaining to the College

THE DEAN

Academic requirements, curricula, and courses  
Graduate Bulletin and Summer Session Catalog

THE DIRECTOR OF ADMISSIONS AND STUDENT AID

Admission of freshmen and advanced students  
Expenses, loan funds, and scholarships  
Regular Session Catalog

THE DEAN OF STUDENTS

Student Personnel Matters

THE DEAN OF WOMEN

Student rooming assignments

THE DIRECTOR OF FIELD SERVICES AND PLACEMENT

Placement of Graduates

THE BUSINESS MANAGER

Business matters, other than student expenses

THE REGISTRAR

Evaluation of credits

THE ALUMNI SECRETARY

Alumni affairs



The College can be reached by telephone at all times,  
Harrisonburg 434-6756

Telegrams should be addressed to: Madison College,  
Harrisonburg, Virginia.



An application for Admission blank has been placed in the  
back of the catalog for your convenience.



EDGE INDEX. (BEND EDGES OF BOOK DOWN. OPEN TO BLACK LINE  
OPPOSITE PROPER DESIGNATION.)

ADMISSION

COLLEGE CALENDAR

COLLEGE EXPENSES

COLLEGE REGULATIONS

CURRICULA

DEGREES OFFERED

DIVISION OF THE HUMANITIES

DIVISION OF THE NATURAL SCIENCES

DIVISION OF THE SOCIAL SCIENCES

DIVISION OF TEACHER EDUCATION

FACILITIES

GRADUATION REQUIREMENTS

PERSONNEL

SCHOLARSHIPS AND FINANCIAL AIDS

SELECTION OF COURSES

PLEASE BRING THIS  
BULLETIN WITH YOU  
WHEN YOU REGISTER